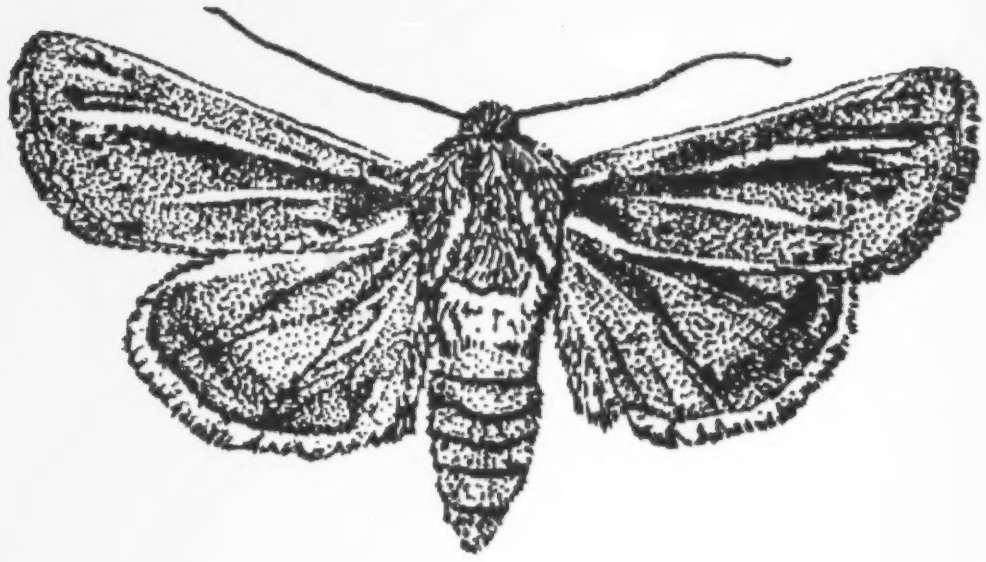
CANADIAN SPECIES AT RISK

NOVEMBER 2003



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COSEWIC
COMMITTEE ON THE STATUS OF
ENDANGERED WILDLIFE
IN CANADA

COSEPAC
COMITÉ SUR LA SITUATION DES
ESPÈCES EN PÉRIL
AU CANADA

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Cover Illustration: Sand-verbena Moth, *Copablepharon fuscum*, designated Endangered by COSEWIC in November 2003. Line drawing by Nick Page, Vancouver, British Columbia.

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ABOUT COSEWIC

COSEWIC MANDATE

Designations are made on native species for the following taxonomic groups: mammals, birds, reptiles, amphibians, fishes, arthropods, molluscs, vascular plants, mosses, and lichens. The Committee on the Status of Endangered Wildlife in Canada (COSEWIC) assesses the national status of wild species, subspecies, varieties, or other designatable units that are considered to be at risk in Canada.

COSEWIC MEMBERSHIP

COSEWIC comprises members from each provincial and territorial government wildlife agency, four federal agencies (Canadian Wildlife Service, Parks Canada Agency, Department of Fisheries and Oceans, and the Federal Biosystematics Partnership, chaired by the Canadian Museum of Nature), three nonjurisdictional members and the co-chairs of the species specialist and the Aboriginal Traditional Knowledge subcommittees. The Committee meets to consider status reports on candidate species.

DEFINITIONS

The following definitions were reviewed by COSEWIC in May 2003:

Species	Any indigenous species, subspecies, variety, or geographically or genetically distinct population of wild fauna and flora.
Extinct (X)	A species that no longer exists.
Extirpated (XT)	A species no longer existing in the wild in Canada, but occurring elsewhere.
Endangered (E)	A species facing imminent extirpation or extinction.
Threatened (T)	A species likely to become endangered if limiting factors are not reversed.
Special Concern (SC)*	A species of special concern because of characteristics that make it particularly sensitive to human activities or natural events.
Not at Risk (NAR)**	A species that has been evaluated and found to be not at risk.
Data Deficient (DD)***	A species for which there is insufficient scientific information to support status designation.

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* Formerly described as "Vulnerable" from 1990 to 1999, or "Rare" prior to 1990.

** Formerly described as "Not In Any Category", or "No Designation Required."

*** Formerly described as "Indeterminate" from 1994 to 1999 or "ISIBD" (insufficient scientific information on which to base a designation) prior to 1994.

SUMMARY TABLES

Species designated in the five "risk" categories and in the NOT AT RISK and DATA DEFICIENT categories

Table 1. Summary of COSEWIC's assessment results for the "risk" categories. The results include the November 2003 meeting.

TAXON / STATUS	EXTINCT	EXTIRPATED	ENDANGERED	THREATENED	SPECIAL CONCERN	TOTALS
Mammals	2	4	22	13	24	65
Birds	3	2	22	9	22	58
Reptiles		4	5	11	11	31
Amphibians		1	5	5	8	19
Fishes	5	2	20	22	29	78
Arthropods		3	6	5	2	16
Molluscs	1	2	11	2	3	19
Vascular Plants		2	62	39	37	140
Mosses	1	1	5	2		9
Lichens			2		4	6
Totals	**12**	**21**	**160**	**108**	**140**	**441**

Table 2. Summary of COSEWIC's assessment results for the Not at Risk category. The results include the November 2003 meeting.

TAXON / STATUS	NOT AT RISK
Mammals	46
Birds	35
Reptiles	5
Amphibians	14
Fishes	35
Arthropods	0
Molluscs	2
Vascular Plants	16
Mosses	0
Lichens	0
Totals	**153**

Table 3. Summary of COSEWIC's assessment results for the Data Deficient category. The results include the November 2003 meeting.

TAXON / STATUS	DATA DEFICIENT
Mammals	9
Birds	2
Reptiles	2
Amphibians	0
Fishes	9
Arthropods	0
Molluscs	4
Vascular Plants	4
Mosses	0
Lichens	2
Totals	**32**

Results of November 2003 COSEWIC meeting

Table 4. November 2003 results by status and taxon.

TAXON / STATUS	EXTINCT	EXTIRPATED	ENDANGERED	THREATENED	SPECIAL CONCERN	NOT AT RISK	DATA DEFICIENT	TOTALS
Mammals					2		1	3
Birds			2	1				3
Reptiles								0
Amphibians								0
Fishes			1			1	1	3
Arthropods			1	2				3
Molluscs					1	1	2	4
Vascular Plants			4	2				6
Mosses				1				1
Lichens								0
Totals	0	0	8	6	3	2	4	23

Table 5. November 2003 results by status and type of change in status.

STATUS CHANGE* / STATUS	EXTINCT	EXTIRPATED	ENDANGERED	THREATENED	SPECIAL CONCERN	NOT AT RISK	DATA DEFICIENT	TOTALS
New			6	4	1	1	2	14
Uplisted			1	2	1			4
Downlisted								0
No Change			1					1
Changed					1		2	3
De-listed						1		1
Totals	0	0	8	6	3	2	4	23

* Explanation of terms on following page.

COSEWIC ASSESSMENT RESULTS

The tables that follow (Tables 6-8) are organized by status category and then by taxonomic group. An explanation of the symbols and abbreviations is provided below. For each species, the information provided includes the common name, scientific name, population name, and range of occurrence in Canada (by province, territory or ocean). The most recent date of assessment by COSEWIC is shown, and symbols provide information on the outcome of status re-assessments (e.g., uplisting, downlisting) and the basis of re-assessment for species evaluated against the new quantitative criteria. For birds, range of occurrence includes the Canadian breeding and wintering distribution.

The first COSEWIC "Endangered Species List" was issued in 1978. In 1990, it was decided that all species considered by COSEWIC should be included in this document even if the species were Not at Risk or Data Deficient. Therefore, this document is divided into three separate sections. The first section (Table 6) includes species assessed and designated as Extinct, Extirpated, Endangered, Threatened or Special Concern. The second section (Table 7) includes species assessed and found to be in the Not at Risk category. The third section (Table 8) includes species assessed and found to be in the Data Deficient category because of insufficient scientific information. All three sections include the geographical occurrence and most recent date of assessment.

EXPLANATION OF SYMBOLS

Re-assessments and new assessments

↑ Species placed in a higher risk category (uplisted) after re-assessment on the date shown.
↓ Species placed in a lower risk category (downlisted) after re-assessment on the date shown.
↔ Species stays in the same risk category (no change) after re-assessment on the date shown.
√ Species moved to the Not at Risk category from a risk category (de-listed) on the date shown.
○ Species moved to the Data Deficient category from a risk category, or to a risk category from the Data Deficient category (changed), on the date shown.
(*no arrow*) New species assessed on the date shown.

Evaluation with COSEWIC's new quantitative criteria

COSEWIC has recently begun using quantitative criteria to assess species' risk of extinction. These criteria were adapted from the criteria used by the World Conservation Union (IUCN) and have been used by COSEWIC since October 1999.

△ or △+ Assessment based on a new status report or an update status report. A plus sign (+) indicates the report has an addendum or that the report has been modified.

◬ or ◬+ Species re-assessed using an existing status report. A plus sign (+) indicates the report has an addendum or that the report has been modified.

Geographical occurrence abbreviations

AB	Alberta	NS	Nova Scotia	QC	Québec
BC	British Columbia	NT	Northwest Territories	SK	Saskatchewan
MB	Manitoba	NU	Nunavut	YT	Yukon Territory
NB	New Brunswick	ON	Ontario		
NL	Newfoundland and Labrador	PE	Prince Edward Island		

Table 6. Species assessed and designated in the five "risk" categories, with range of occurrence (by province, territory or ocean) and date of last assessment. For extinct and extirpated species, the historical range of occurrence and the approximate date of disappearance are shown (441 species).

EXTINCT CATEGORY (12)

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Historical Range of Occurrence	Extinction Date	Assessment Date
Mammals (2)						
△ ↔	Caribou *dawsoni* subspecies	*Rangifer tarandus dawsoni*		BC	1920s	May 2000
△ ↔	Mink, Sea	*Mustela macrodon*		NB NS Atlantic Ocean	1894	May 2000
Birds (3)						
△ ↔	Auk, Great	*Pinguinus impennis*		QC NB NS NL	1844	May 2000
△ ↔	Duck, Labrador	*Camptorhynchus labradorius*		QC NB NS NL	1875	May 2000
△ ↔	Pigeon, Passenger	*Ectopistes migratorius*		SK MB ON QC NB NS PE	1914	May 2000
Reptiles (0)						
Amphibians (0)						
Fishes (5)						
△ ↔	Cisco, Deepwater	*Coregonus johannae*		ON	1952	May 2000
△ ↔	Dace, Banff Longnose	*Rhinichthys cataractae smithi*		AB	1986	May 2000
△ ↔	Stickleback, Benthic Hadley Lake	*Gasterosteus* sp.		BC	1999	May 2000
△ ↔	Stickleback, Limnetic Hadley Lake	*Gasterosteus* sp.		BC	1999	May 2000
△ ↔	Walleye, Blue	*Stizostedion vitreum glaucum*		ON	1965	May 2000
Arthropods (0)						
Molluscs (1)						
△ ↔	Limpet, Eelgrass	*Lottia alveus alveus*		QC NS NL	1929	May 2000
Vascular Plants (0)						
Mosses (1)						
△	Moss, Macoun's Shining	*Neomacounia nitida*		ON	not observed since 1864	Nov 2002
Lichens (0)						

EXTIRPATED CATEGORY (21)

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Historical Range of Occurrence	Extinction Date	Assessment Date
Mammals (4)						
△ ↔	Bear, Grizzly	*Ursus arctos*	Prairie population	AB SK MB	1880s	May 2002
⚠ ↔	Ferret, Black-footed	*Mustela nigripes*		AB SK MB	1974	May 2000
⚠ ↔	Walrus, Atlantic	*Odobenus rosmarus rosmarus*	Northwest Atlantic population	Atlantic Ocean	mid 19th century	May 2000
⚠ ↔	Whale, Grey	*Eschrichtius robustus*	Atlantic population	Atlantic Ocean	before end of 1800s	May 2000
Birds (2)						
⚠ ↔	Prairie-Chicken, Greater	*Tympanuchus cupido*		AB SK MB ON	last reported in 1987 in Saskatchewan	May 2000
⚠ ↔	Sage-Grouse *phaios* subspecies, Greater	*Centrocercus urophasianus phaios*		BC	not observed since 1960s	May 2000
Reptiles (4)						
△	Gophersnake, Pacific	*Pituophis catenifer catenifer*		BC	not observed since 1957	May 2002
⚠ ↔	Lizard, Pigmy Short-horned	*Phrynosoma douglasii*	British Columbia population	BC	last reported in 1898, near Osoyoos, BC	May 2000
△	Rattlesnake, Timber	*Crotalus horridus*		ON	1941	May 2001
△	Turtle, Pacific Pond	*Actinemys marmorata*		BC	not observed since 1959	May 2002
Amphibians (1)						
△	Salamander, Tiger	*Ambystoma tigrinum*	Great Lakes population	ON	1915	Nov 2001
Fishes (2)						
⚠ ↔	Chub, Gravel	*Erimystax x-punctatus*		ON	last reported in 1958, Thames River drainage	May 2000
⚠ ↔	Paddlefish	*Polyodon spathula*		ON	1917	May 2000
Arthropods (3)						
⚠ ↔	Blue, Karner	*Lycaeides melissa samuelis*		ON	1991	May 2000
⚠ ↔	Elfin, Frosted	*Callophrys [Incisalia] irus*		ON	1988	May 2000
⚠ ↔	Marble, Island	*Euchloe ausonides*		BC	before 1910	May 2000
Molluscs (2)						
△	Snail, Puget Oregonian	*Cryptomastix devia*		BC	not observed since 1905	Nov 2002
⚠ ↔	Wedgemussel, Dwarf	*Alasmidonta heterodon*		NB	1968	May 2000
Vascular Plants (2)						
⚠ ↔	Spring Blue-eyed Mary	*Collinsia verna*		ON	not observed since 1954	May 2000
⚠ ↔	Tick-trefoil, Illinois	*Desmodium illinoense*		ON	not observed since 1888	May 2000
Mosses (1)						
△	Moss, Incurved Grizzled	*Ptychomitrium incurvum*		ON	1828	Nov 2002
Lichens (0)						

ENDANGERED CATEGORY (160)

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
Mammals (22)					
△	Badger *jacksoni* subspecies, American	*Taxidea taxus jacksoni*		ON	May 2000
△	Badger *jeffersonii* subspecies, American	*Taxidea taxus jeffersonii*		BC	May 2000
	Caribou, Peary	*Rangifer tarandus pearyi*	Banks Island population	NT	Apr 1991
	Caribou, Peary	*Rangifer tarandus pearyi*	High Arctic population	NT NU	Apr 1991
△ ↔	Caribou, Woodland	*Rangifer tarandus caribou*	Atlantic-Gaspésie population	QC	May 2002
△ ↔	Fox, Swift	*Vulpes velox*		AB SK	May 2000
△* ↔	Marmot, Vancouver Island	*Marmota vancouverensis*		BC	May 2000
△ ↔	Marten, Newfoundland	*Martes americana atrata*		NL	May 2000
△ ↑	Mole, Townsend's	*Scapanus townsendii*		BC	May 2003
	Whale, Beluga	*Delphinapterus leucas*	Southeast Baffin Island-Cumberland Sound population	NU NL Arctic Ocean	Apr 1990
↔	Whale, Beluga	*Delphinapterus leucas*	St. Lawrence River population	QC	Apr 1997
	Whale, Beluga	*Delphinapterus leucas*	Ungava Bay population	NU QC Arctic Ocean Atlantic Ocean	Apr 1988
△	Whale, Blue	*Balaenoptera musculus*	Atlantic population	Atlantic Ocean	May 2002
△	Whale, Blue	*Balaenoptera musculus*	Pacific population	Pacific Ocean	May 2002
	Whale, Bowhead	*Balaena mysticetus*	Eastern Arctic population	NU Arctic Ocean	Apr 1980
	Whale, Bowhead	*Balaena mysticetus*	Western Arctic population	YT NT NU Arctic Ocean	Apr 1986
△*	Whale, Killer	*Orcinus orca*	Northeast Pacific southern resident population	Pacific Ocean	Nov 2001
△	Whale, North Atlantic Right	*Eubalaena glacialis*		Atlantic Ocean	May 2003
↔	Whale, North Pacific Right	*Eubalaena japonica*		Pacific Ocean	Apr 1990
△* ↑	Whale, Northern Bottlenose	*Hyperoodon ampullatus*	Scotian Shelf population	Atlantic Ocean	Nov 2002
△	Whale, Sei	*Balaenoptera borealis*	Pacific population	Pacific Ocean	May 2003
△ ↔	Wolverine	*Gulo gulo*	Eastern population	QC NL	May 2003
Birds (22)					
△ ↔	Bobwhite, Northern	*Colinus virginianus*		ON	Nov 2003
△ ↑	Chat *auricollis* subspecies, Yellow-breasted	*Icteria virens auricollis*	British Columbia population	BC	Nov 2000
△ ↔	Crane, Whooping	*Grus americana*		NT AB	Nov 2000
△ ↔	Curlew, Eskimo	*Numenius borealis*		YT NT NU BC AB SK MB ON QC NB NS PE NL	May 2000
△ ↔	Flycatcher, Acadian	*Empidonax virescens*		ON	Nov 2000
△	Lark *strigata* subspecies, Horned	*Eremophila alpestris strigata*		BC	Nov 2003
△ ↔	Owl *caurina* subspecies, Spotted	*Strix occidentalis caurina*		BC	May 2000
△ ↔	Owl, Barn	*Tyto alba*	Eastern population	ON QC	May 2000
△ ↔	Owl, Burrowing	*Athene cunicularia*		BC AB SK MB	May 2000
△	Plover *circumcinctus* subspecies, Piping	*Charadrius melodus circumcinctus*		AB SK MB ON	May 2001
△	Plover *melodus* subspecies, Piping	*Charadrius melodus melodus*		QC NB NS PE NL	May 2001
△ ↔	Plover, Mountain	*Charadrius montanus*		AB SK	Nov 2000
△ ↔	Rail, King	*Rallus elegans*		ON	Nov 2000

ENDANGERED CATEGORY (160) *continued*

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
Birds (22) *(continued)*					
⚠ ↔	Sage-Grouse *urophasianus* subspecies, Greater	*Centrocercus urophasianus urophasianus*		AB SK	May 2000
△	Screech-Owl *macfarlanei* subspecies, Western	*Megascops kennicottii macfarlanei*		BC	May 2002
△ ↔	Shrike *migrans* subspecies, Loggerhead	*Lanius ludovicianus migrans*		MB ON QC	Nov 2000
△ ↔	Sparrow, Henslow's	*Ammodramus henslowii*		ON	Nov 2000
⚠ ↔	Tern, Roseate	*Sterna dougallii*		QC NB NS	Oct 1999
△ ↔	Thrasher, Sage	*Oreoscoptes montanus*		BC AB SK	Nov 2000
⚠ ↔	Warbler, Kirtland's	*Dendroica kirtlandii*		ON	May 2000
⚠ ↔	Warbler, Prothonotary	*Protonotaria citrea*		ON	May 2000
△ ↑	Woodpecker, White-headed	*Picoides albolarvatus*		BC	Nov 2000
Reptiles (5)					
△	Nightsnake	*Hypsiglena torquata*		BC	May 2001
△ ↔	Racer, Blue	*Coluber constrictor foxii*		ON	May 2002
△ ↔	Seaturtle, Leatherback	*Dermochelys coriacea*		Pacific Ocean Atlantic Ocean	May 2001
⚠ ↔	Snake, Sharp-tailed	*Contia tenuis*		BC	Oct 1999
	Watersnake, Lake Erie	*Nerodia sipedon insularum*		ON	Apr 1991
Amphibians (5)					
△ ↔	Frog, Northern Cricket	*Acris crepitans*		ON	May 2001
⚠ ↔	Frog, Northern Leopard	*Rana pipiens*	Southern Mountain population	BC	May 2000
△ ↔	Frog, Oregon Spotted	*Rana pretiosa*		BC	May 2000
△	Frog, Rocky Mountain Tailed	*Ascaphus montanus*		BC	May 2000
△	Salamander, Tiger	*Ambystoma tigrinum*	Southern Mountain population	BC	Nov 2001
Fishes (20)					
△	Cod, Atlantic	*Gadus morhua*	Newfoundland and Labrador population	Atlantic Ocean	May 2003
⚠ ↔	Dace, Nooksack	*Rhinichthys* sp.		BC	May 2000
△ ↑	Dace, Speckled	*Rhinichthys osculus*		BC	Nov 2002
⚠ ↑	Lamprey, Morrison Creek	*Lampetra richardsoni*		BC	May 2000
⚠ ↑	Madtom, Northern	*Noturus stigmosus*		ON	Nov 2002
△	Salmon, Atlantic	*Salmo salar*	Inner Bay of Fundy populations	NB NS (rarely NL) Atlantic Ocean	May 2001
△	Salmon, Coho	*Oncorhynchus kisutch*	Interior Fraser population	BC Pacific Ocean	May 2002
△ ↔	Salmon, Sockeye	*Oncorhynchus nerka*	Cultus population	BC Pacific Ocean	May 2003
△ ↔	Salmon, Sockeye	*Oncorhynchus nerka*	Sakinaw population	BC Pacific Ocean	May 2003
△ ↑	Shiner, Pugnose	*Notropis anogenus*		ON	Nov 2002
△	Stickleback, Benthic Enos Lake	*Gasterosteus* sp.		BC	Nov 2002
⚠ ↑	Stickleback, Benthic Paxton Lake	*Gasterosteus* sp.		BC	May 2000
⚠ ↑	Stickleback, Benthic Vananda Creek	*Gasterosteus* sp.		BC	May 2000
△	Stickleback, Limnetic Enos Lake	*Gasterosteus* sp.		BC	Nov 2002
⚠ ↑	Stickleback, Limnetic Paxton Lake	*Gasterosteus* sp.		BC	May 2000

ENDANGERED CATEGORY (160) *continued*

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
Fishes (20) (*continued*)					
⚠ ↑	Stickleback, Limnetic Vananda Creek	*Gasterosteus* sp.		BC	May 2000
△ ↑	Sturgeon, White	*Acipenser transmontanus*		BC	Nov 2003
△ ↔	Sucker, Salish	*Catostomus* sp.		BC	Nov 2002
△ ↔	Trout, Aurora	*Salvelinus fontinalis timagamiensis*		ON	May 2000
△ ↔	Whitefish, Atlantic	*Coregonus huntsmani*		NS	Nov 2000
Arthropods (6)					
△	Blue, Island	*Plebejus saepiolus insulanus*		BC	Nov 2000
△	Checkerspot, Taylor's	*Euphydryas editha taylori*		BC	Nov 2000
△	Metalmark, Mormon	*Apodemia mormo*	Southern Mountain population	BC	May 2003
△	Moth, Sand-verbena	*Copablepharon fuscum*		BC	Nov 2003
△	Moth, Yucca	*Tegeticula yuccasella*		AB	May 2002
⚠ ↔	Ringlet, Maritime	*Coenonympha tullia nipisiquit*		QC NB	May 2000
Molluscs (11)					
⚠ ↔	Bean, Rayed	*Villosa fabalis*		ON	May 2000
△	Forestsnail, Oregon	*Allogona townsendiana*		BC	Nov 2002
△	Hickorynut, Round	*Obovaria subrotunda*		ON	May 2003
△	Kidneyshell	*Ptychobranchus fasciolaris*		ON	May 2003
⚠ ↔	Lampmussel, Wavy-rayed	*Lampsilis fasciola*		ON	Oct 1999
△	Mussel, Mudpuppy	*Simpsonaias ambigua*		ON	May 2001
⚠ ↔	Physa, Hotwater	*Physella wrighti*		BC	May 2000
⚠* ↔	Riffleshell, Northern	*Epioblasma torulosa rangiana*		ON	May 2000
⚠ ↑	Snail, Banff Springs	*Physella johnsoni*		AB	May 2000
△	Snail, Lake Winnipeg Physa	*Physa* sp.		MB	Nov 2002
△	Snuffbox	*Epioblasma triquetra*		ON	May 2001
Vascular Plants (62)					
⚠* ↔	Agalinis, Gattinger's	*Agalinis gattingeri*		ON	May 2001
⚠ ↔	Agalinis, Skinner's	*Agalinis skinneriana*		ON	May 2000
⚠ ↔	Ammannia, Scarlet	*Ammannia robusta*		BC ON	May 2001
⚠ ↔	Avens, Eastern Mountain	*Geum peckii*		NS	May 2000
⚠ ↔	Balsamroot, Deltoid	*Balsamorhiza deltoidea*		BC	May 2000
⚠ ↔	Bluehearts	*Buchnera americana*		ON	May 2000
⚠* ↔	Braya, Long's	*Braya longii*		NL	May 2000
△	Bugbane, Tall	*Actaea elata*		BC	May 2001
△ ↑	Bulrush, Bashful	*Trichophorum planifolium*		ON	May 2000
⚠ ↔	Bush-clover, Slender	*Lespedeza virginica*		ON	May 2000
⚠ ↔	Buttercup, Water-plantain	*Ranunculus alismaefolius* var. *alismaefolius*		BC	May 2000
△	Butternut	*Juglans cinerea*		NB ON QC	Nov 2003
⚠ ↔	Cactus, Eastern Prickly Pear	*Opuntia humifusa*		ON	May 2000
△	Catchfly, Coastal Scouler's	*Silene scouleri* ssp. *grandis*		BC	May 2003
△	Collomia, Slender	*Collomia tenella*		BC	Nov 2003
⚠ ↔	Coreopsis, Pink	*Coreopsis rosea*		NS	May 2000
⚠ ↔	Cryptanthe, Tiny	*Cryptantha minima*		AB SK	May 2000
⚠ ↔	Fern, Southern Maidenhair	*Adiantum capillus-veneris*		BC	May 2000

ENDANGERED CATEGORY (160) *continued*

Taxon/ Assessment Details		Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
Vascular Plants (62) (*continued*)						
△	↑	Fringed-orchid, Eastern Prairie	*Platanthera leucophaea*		ON	May 2003
△	↔	Fringed-orchid, Western Prairie	*Platanthera praeclara*		MB	May 2000
△	↔	Gentian, White Prairie	*Gentiana alba*		ON	May 2001
⚠	↔	Ginseng, American	*Panax quinquefolius*		ON QC	May 2000
⚠*	↑	Goat's-rue, Virginia	*Tephrosia virginiana*		ON	May 2000
⚠	↔	Goldenrod, Showy	*Solidago speciosa*		ON	May 2000
△		Grass, Forked Three-awned	*Aristida basiramea*		ON QC	Nov 2002
⚠	↔	Lady's-slipper, Small White	*Cypripedium candidum*		MB ON	May 2000
△	↔	Lipocarpha, Small-flowered	*Lipocarpha micrantha*		BC ON	Nov 2002
⚠	↔	Lotus, Seaside Birds-foot	*Lotus formosissimus*		BC	May 2000
⚠	↔	Lousewort, Furbish's	*Pedicularis furbishiae*		NB	May 2000
⚠	↔	Lupine, Prairie	*Lupinus lepidus* var. *lepidus*		BC	May 2000
△		Lupine, Streambank	*Lupinus rivularis*		BC	Nov 2002
⚠	↔	Milkwort, Pink	*Polygala incarnata*		ON	May 2000
⚠	↔	Mountain-mint, Hoary	*Pycnanthemum incanum*		ON	May 2000
⚠	↔	Mulberry, Red	*Morus rubra*		ON	May 2000
⚠	↔	Owl-clover, Bearded	*Triphysaria versicolor* ssp. *versicolor*		BC	May 2000
⚠*	↑	Paintbrush, Golden	*Castilleja levisecta*		BC	May 2000
⚠	↔	Plantain, Heart-leaved	*Plantago cordata*		ON	May 2000
⚠	↔	Pogonia, Large Whorled	*Isotria verticillata*		ON	May 2000
⚠	↔	Pogonia, Nodding	*Triphora trianthophora*		ON	May 2000
⚠	↔	Pogonia, Small Whorled	*Isotria medeoloides*		ON	May 2000
△	↔	Quillwort, Engelmann's	*Isoëtes engelmannii*		ON	May 2001
△		Rush, Kellogg's	*Juncus kelloggii*		BC	May 2003
△	↑	Sand-verbena, Small-flowered	*Tripterocalyx micranthus*		AB SK	Nov 2002
△		Sanicle, Bear's-foot	*Sanicula arctopoides*		BC	May 2001
⚠	↑	Sedge, False Hop	*Carex lupuliformis*		ON QC	May 2000
⚠	↔	Sedge, Juniper	*Carex juniperorum*		ON	May 2000
△		Spike-rush, Horsetail	*Eleocharis equisetoides*		ON	Nov 2000
△	↔	Sundew, Thread-leaved	*Drosera filiformis*		NS	May 2001
⚠	↔	Thistle, Pitcher's	*Cirsium pitcheri*		ON	May 2000
△		Tonella, Small-flowered	*Tonella tenella*		BC	Nov 2003
⚠	↔	Toothcup	*Rotala ramosior*		BC ON	May 2000
⚠	↔	Tree, Cucumber	*Magnolia acuminata*		ON	May 2000
⚠	↔	Trillium, Drooping	*Trillium flexipes*		ON	May 2000
△		Triteleia, Howell's	*Triteleia howellii*		BC	May 2003
⚠*	↔	Twayblade, Purple	*Liparis liliifolia*		ON	May 2001
△	↑	Violet, Bird's-foot	*Viola pedata*		ON	May 2002
△		Willow, Barrens	*Salix jejuna*		NL	May 2001
⚠	↔	Wintergreen, Spotted	*Chimaphila maculata*		ON QC	May 2000
⚠*	↔	Wood-poppy	*Stylophorum diphyllum*		ON	May 2000
⚠	↑	Woodsia, Blunt-lobed	*Woodsia obtusa*		ON QC	May 2000
△		Woolly-heads, Dwarf	*Psilocarphus brevissimus*		BC	Nov 2003
△		Woolly-heads, Tall	*Psilocarphus elatior*	Pacific population	BC	May 2001

ENDANGERED CATEGORY (160) *continued*

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
Mosses (5)					
△	Moss, Margined Streamside	*Scouleria marginata*		BC	Nov 2002
△	Moss, Poor Pocket	*Fissidens pauperculus*		BC	Nov 2001
△ ↑	Moss, Rigid Apple	*Bartramia stricta*		BC	May 2000
△	Moss, Silver Hair	*Fabronia pusilla*		BC	Nov 2002
△	Moss, Spoon-leaved	*Bryoandersonia illecebra*		ON	May 2003
Lichens (2)					
△	Lichen, Boreal Felt	*Erioderma pedicellatum*	Atlantic population	NB NS	May 2002
△ ↔	Seaside Centipede	*Heterodermia sitchensis*		BC	May 2000

THREATENED CATEGORY (108)

Taxon/ Assessment Details		Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
Mammals (13)						
△	↑	Bat, Pallid	*Antrozous pallidus*		BC	May 2000
△	↔	Bison, Wood	*Bison bison athabascae*		YT NT BC AB	May 2000
		Caribou, Peary	*Rangifer tarandus pearyi*	Low Arctic population	NT NU	Apr 1991
△	↔	Caribou, Woodland	*Rangifer tarandus caribou*	Boreal population	NT BC AB SK MB ON QC NL	May 2002
△	↔	Caribou, Woodland	*Rangifer tarandus caribou*	Southern Mountain population	BC AB	May 2002
△	↑	Ermine *haidarum* subspecies	*Mustela erminea haidarum*		BC	May 2001
△	↑	Fox, Grey	*Urocyon cinereoargenteus*		MB ON	May 2002
⚠	↔	Otter, Sea	*Enhydra lutris*		BC Pacific Ocean	May 2000
⚠*	↔	Shrew, Pacific Water	*Sorex bendirii*		BC	May 2000
		Whale, Beluga	*Delphinapterus leucas*	Eastern Hudson Bay population	QC Arctic Ocean	Apr 1988
△	↔	Whale, Humpback	*Megaptera novaeangliae*	North Pacific population	Pacific Ocean	May 2003
⚠*		Whale, Killer	*Orcinus orca*	Northeast Pacific northern resident population	Pacific Ocean	Nov 2001
⚠*	↑	Whale, Killer	*Orcinus orca*	Northeast Pacific transient population	Pacific Ocean	Nov 2001
Birds (9)						
△		Albatross, Short-tailed	*Phoebastria albatrus*		BC	Nov 2003
⚠	↑	Bittern, Least	*Ixobrychus exilis*		MB ON QC NB	Nov 2001
⚠	↔	Falcon *anatum* subspecies, Peregrine	*Falco peregrinus anatum*		YT NT NU BC AB SK MB ON QC NB NS NL	May 2000
△	↑	Goshawk *laingi* subspecies, Northern	*Accipiter gentilis laingi*		BC	Nov 2000
⚠	↑	Gull, Ross's	*Rhodostethia rosea*		NT NU MB	Nov 2001
△	↔	Murrelet, Marbled	*Brachyramphus marmoratus*		BC	Nov 2000
⚠	↔	Pipit, Sprague's	*Anthus spragueii*		AB SK MB	May 2000
		Shrike *excubitorides* subspecies, Loggerhead	*Lanius ludovicianus excubitorides*		AB SK MB	Apr 1986
△	↔	Warbler, Hooded	*Wilsonia citrina*		ON	Nov 2000
Reptiles (11)						
⚠	↔	Foxsnake, Eastern	*Elaphe gloydi*		ON	May 2000
⚠	↑	Gartersnake, Butler's	*Thamnophis butleri*		ON	Nov 2001
△		Gophersnake, Great Basin	*Pituophis catenifer deserticola*		BC	May 2002
△	↔	Massasauga	*Sistrurus catenatus*		ON	Nov 2002
⚠	↔	Ratsnake, Eastern	*Elaphe obsoleta*		ON	May 2000
△		Ribbonsnake, Eastern	*Thamnophis sauritus*	Atlantic population	NS	May 2002
⚠	↑	Snake, Eastern Hog-nosed	*Heterodon platirhinos*		ON	Nov 2001
⚠	↔	Snake, Queen	*Regina septemvittata*		ON	May 2000
△	↔	Softshell, Spiny	*Apalone spinifera*		ON QC	May 2002
△		Stinkpot	*Sternotherus odoratus*		ON QC	May 2002
		Turtle, Blanding's	*Emydoidea blandingii*	Nova Scotia population	NS	Apr 1993
Amphibians (5)						
⚠*	↑	Salamander, Allegheny Mountain Dusky	*Desmognathus ochrophaeus*		QC	Nov 2001
△	↑	Salamander, Coastal Giant	*Dicamptodon tenebrosus*		BC	Nov 2000
△		Salamander, Jefferson	*Ambystoma jeffersonianum*		ON	Nov 2000
⚠	↑	Spadefoot, Great Basin	*Spea intermontana*		BC	Nov 2001
⚠*	↔	Toad, Fowler's	*Bufo fowleri*		ON	Nov 2000

THREATENED CATEGORY (108) *continued*

Taxon/ Assessment Details		Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
Fishes (22)						
△		Bocaccio	*Sebastes paucispinis*		Pacific Ocean	Nov 2002
△˙	↑	Chubsucker, Lake	*Erimyzon sucetta*		ON	Nov 2001
		Cisco, Blackfin	*Coregonus nigripinnis*		ON	Apr 1988
△	↔	Cisco, Shortjaw	*Coregonus zenithicus*		NT AB SK MB ON	May 2003
		Cisco, Shortnose	*Coregonus reighardi*		ON	Apr 1987
△		Cod, Atlantic	*Gadus morhua*	Laurentian North population	Atlantic Ocean	May 2003
△		Cusk	*Brosme brosme*		Atlantic Ocean	May 2003
△	↔	Darter, Channel	*Percina copelandi*		ON QC	May 2002
△˙	↔	Darter, Eastern Sand	*Ammocrypta pellucida*		ON QC	Nov 2000
△	↑	Gar, Spotted	*Lepisosteus oculatus*		ON	Nov 2000
△	↑	Lamprey, Cowichan Lake	*Lampetra macrostoma*		BC	Nov 2000
△˙	↑	Minnow, Western Silvery	*Hybognathus argyritis*		AB	Nov 2001
		Redhorse, Black	*Moxostoma duquesnei*		ON	Apr 1988
		Redhorse, Copper	*Moxostoma hubbsi*		QC	Apr 1987
△	↑	Sculpin, Cultus Pygmy	*Cottus* sp.		BC	Nov 2000
		Sculpin, Deepwater	*Myoxocephalus thompsoni*	Great Lakes populations	ON	Apr 1987
△	↔	Sculpin, Shorthead	*Cottus confusus*		BC	May 2001
△	↑	Shiner, Carmine	*Notropis percobromus*		MB	Nov 2001
△	↔	Smelt, Lake Utopia Dwarf	*Osmerus* sp.		NB	May 2000
		Whitefish, Lake	*Coregonus clupeaformis*	Lake Simcoe population	ON	Apr 1987
△		Wolffish, Northern	*Anarhichas denticulatus*		Arctic Ocean Atlantic Ocean	May 2001
△		Wolffish, Spotted	*Anarhichas minor*		Arctic Ocean Atlantic Ocean	May 2001
Arthropods (5)						
△		Hairstreak, Behr's (Columbia)	*Satyrium behrii columbia*		BC	Nov 2000
△		Metalmark, Mormon	*Apodemia mormo*	Prairie population	SK	May 2003
△		Skipper, Dakota	*Hesperia dacotae*		MB SK	Nov 2003
△		Skipper, Dun	*Euphyes vestris*	Western population	BC	Nov 2000
△		Skipperling, Poweshiek	*Oarisma poweshiek*		MB	Nov 2003
Molluscs (2)						
△	↔	Abalone, Northern	*Haliotis kamtschatkana*		Pacific Ocean	May 2000
△		Jumping-slug, Dromedary	*Hemphillia dromedarius*		BC	May 2003
Vascular Plants (39)						
△	↔	Aster, Anticosti	*Symphyotrichum anticostense*		QC NB	May 2000
△	↑	Aster, Crooked-stem	*Symphyotrichum prenanthoides*		ON	May 2002
△	↑	Aster, Western Silvery	*Symphyotrichum sericeum*		MB ON	May 2000
△	↔	Aster, White Wood	*Eurybia divaricata*		ON QC	Nov 2002
△˙	↔	Aster, White-top	*Sericocarpus rigidus*		BC	May 2000
△	↑	Aster, Willowleaf	*Symphyotrichum praealtum*		ON	May 2003
△	↑	Bartonia, Branched	*Bartonia paniculata* ssp. *paniculata*		ON	Nov 2003
△	↑	Blazing Star, Dense	*Liatris spicata*		ON	May 2001
△	↔	Blue-flag, Western	*Iris missouriensis*		AB	May 2000
△	↔	Braya, Fernald's	*Braya fernaldii*		NL	May 2000
△	↑	Buffalograss	*Buchloë dactyloides*		SK MB	Nov 2001

THREATENED CATEGORY (108) *continued*

Taxon/ Assessment Details		Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
Vascular Plants (39) (*continued*)						
		Chestnut, American	*Castanea dentata*		ON	Apr 1987
△	↔	Coffee-tree, Kentucky	*Gymnocladus dioicus*		ON	Nov 2000
△	↔	Colicroot	*Aletris farinosa*		ON	Nov 2000
△		Corydalis, Scouler's	*Corydalis scouleri*		BC	May 2001
△		Daisy, Lakeside	*Hymenoxys herbacea*		ON	May 2002
△	↔	Deerberry	*Vaccinium stamineum*		ON	Nov 2000
△		Fern, Lemmon's Holly	*Polystichum lemmonii*		BC	May 2003
⚠	↔	Gentian, Plymouth	*Sabatia kennedyana*		NS	May 2000
⚠	↔	Golden Crest	*Lophiola aurea*		NS	May 2000
△	↔	Goldenseal	*Hydrastis canadensis*		ON	May 2000
⚠*	↔	Greenbrier, Round-leaved	*Smilax rotundifolia*	Great Lakes Plains population	ON	May 2001
△	↑	Hackberry, Dwarf	*Celtis tenuifolia*		ON	Nov 2003
△	↑	Hoptree, Common	*Ptelea trifoliata*		ON	Nov 2002
△	↑	Hyacinth, Wild	*Camassia scilloides*		ON	May 2002
△	↔	Jacob's-ladder, Van Brunt's	*Polemonium vanbruntiae*		QC	Nov 2002
△		Lily, Lyall's Mariposa	*Calochortus lyallii*		BC	May 2001
⚠	↔	Mosquito-fern, Mexican	*Azolla mexicana*		BC	May 2000
△*	↓	Mouse-ear-cress, Slender	*Halimolobos virgata*		AB SK	May 2000
△	↑	Orchid, Phantom	*Cephalanthera austiniae*		BC	May 2000
⚠*	↔	Prairie-clover, Hairy	*Dalea villosa* var. *villosa*		SK MB	May 2000
⚠	↔	Redroot	*Lachnanthes caroliana*		NS	May 2000
△		Sanicle, Purple	*Sanicula bipinnatifida*		BC	May 2001
△	↑	Soapweed	*Yucca glauca*		AB	May 2000
△	↔	Spiderwort, Western	*Tradescantia occidentalis*		AB SK MB	Nov 2002
△		Spike-rush, Tubercled	*Eleocharis tuberculosa*		NS	May 2000
⚠	↔	Violet, Yellow Montane	*Viola praemorsa* ssp. *praemorsa*		BC	May 2000
⚠	↔	Water-pennywort	*Hydrocotyle umbellata*		NS	May 2000
△	↔	Water-willow, American	*Justicia americana*		ON QC	May 2000
Mosses (2)						
△		Bryum, Porsild's	*Mielichhoferia macrocarpa*		AB BC NL NU	Nov 2003
△		Moss, Haller's Apple	*Bartramia halleriana*		BC AB	Nov 2001
Lichens (0)						

SPECIAL CONCERN CATEGORY (140)

Taxon/ Assessment Details		Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
Mammals (24)						
		Bat, Fringed	*Myotis thysanodes*		BC	Apr 1988
		Bat, Spotted	*Euderma maculatum*		BC	Apr 1988
△	↔	Bear, Grizzly	*Ursus arctos*	Northwestern population	YT NT NU BC AB	May 2002
△*	↔	Bear, Polar	*Ursus maritimus*		YT NT NU MB ON QC NL	Nov 2002
△	↔	Beaver, Mountain	*Aplodontia rufa*		BC	Nov 2001
△	↑	Caribou, Woodland	*Rangifer tarandus caribou*	Northern Mountain population	YT NT BC	May 2002
		Cottontail *nuttallii* subspecies, Nuttall's	*Sylvilagus nuttallii nuttallii*		BC	Apr 1994
		Kangaroo Rat, Ord's	*Dipodomys ordii*		AB SK	Apr 1995
△	↔	Mole, Eastern	*Scalopus aquaticus*		ON	Nov 2000
		Mouse *megalotis* subspecies, Western Harvest	*Reithrodontomys megalotis megalotis*		BC	Apr 1994
△	↓	Porpoise, Harbour	*Phocoena phocoena*	Northwest Atlantic population	Atlantic Ocean	May 2003
△	○	Porpoise, Harbour	*Phocoena phocoena*	Pacific Ocean population	Pacific Ocean	Nov 2003
△	↔	Prairie Dog, Black-tailed	*Cynomys ludovicianus*		SK	Nov 2000
△	↑	Sea Lion, Steller	*Eumetopias jubatus*		BC Pacific Ocean	Nov 2003
		Seal Lacs des Loups Marins subspecies, Harbour	*Phoca vitulina mellonae*		QC	Apr 1996
		Shrew, Gaspé	*Sorex gaspensis*		QC NB NS	Apr 1988
		Squirrel, Southern Flying	*Glaucomys volans*		ON QC NS	Apr 1988
△	↔	Vole, Woodland	*Microtus pinetorum*		ON QC	Nov 2001
		Whale, Beluga	*Delphinapterus leucas*	Eastern High Arctic / Baffin Bay population	NU Arctic Ocean	Apr 1992
		Whale, Fin	*Balaenoptera physalus*		Atlantic Ocean Pacific Ocean	Apr 1987
△*		Whale, Killer	*Orcinus orca*	Northeast Pacific offshore population	Pacific Ocean	Nov 2001
		Whale, Sowerby's Beaked	*Mesoplodon bidens*		Atlantic Ocean	Apr 1989
△	○	Wolf, Eastern	*Canis lupus lycaon*		ON QC	May 2001
△	↔	Wolverine	*Gulo gulo*	Western population	YT NT NU BC AB SK MB ON	May 2003
Birds (22)						
△	↔	Chat *virens* subspecies, Yellow-breasted	*Icteria virens virens*		ON	Nov 2000
△	↔	Curlew, Long-billed	*Numenius americanus*		BC AB SK	Nov 2002
△	↓	Duck, Harlequin	*Histrionicus histrionicus*	Eastern population	NU QC NB NS NL	May 2001
△	↔	Falcon *pealei* subspecies, Peregrine	*Falco peregrinus pealei*		BC	Nov 2001
	↓	Falcon *tundrius* subspecies, Peregrine	*Falco peregrinus tundrius*		YT NT NU QC NL	Apr 1992
△		Goldeneye, Barrow's	*Bucephala islandica*	Eastern population	QC NB NS PE NL	Nov 2000
△	↔	Gull, Ivory	*Pagophila eburnea*		YT NT NU NL	Nov 2001
	↓	Hawk, Ferruginous	*Buteo regalis*		AB SK MB	Apr 1995
	↔	Hawk, Red-shouldered	*Buteo lineatus*		ON QC NB	Apr 1996
		Heron *fannini* subspecies, Great Blue	*Ardea herodias fannini*		BC	Apr 1997
		Murrelet, Ancient	*Synthliboramphus antiquus*		BC	Apr 1993
△	↔	Owl, Barn	*Tyto alba*	Western population	BC	Nov 2001
△	↔	Owl, Flammulated	*Otus flammeolus*		BC	Nov 2001

SPECIAL CONCERN CATEGORY (140) *continued*

Taxon/ Assessment Details		Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
Birds (22) *(continued)*						
		Owl, Short-eared	*Asio flammeus*		YT NT NU BC AB SK MB ON QC NB NS PE NL	Apr 1994
⚠	↔	Rail, Yellow	*Coturnicops noveboracensis*		NT BC AB SK MB ON QC NB	Nov 2001
△		Screech-Owl *kennicottii* subspecies, Western	*Megascops kennicottii kennicottii*		BC	May 2002
△	↔	Sparrow *princeps* subspecies, Savannah	*Passerculus sandwichensis princeps*		NS	May 2000
		Thrush, Bicknell's	*Catharus bicknelli*		QC NB NS	Apr 1999
△	↔	Warbler, Cerulean	*Dendroica cerulea*		ON QC	May 2003
	↔	Waterthrush, Louisiana	*Seiurus motacilla*		ON QC	Apr 1996
⚠	↔	Woodpecker, Lewis's	*Melanerpes lewis*		BC	Nov 2001
		Woodpecker, Red-headed	*Melanerpes erythrocephalus*		SK MB ON QC	Apr 1996
Reptiles (11)						
	△	Boa, Rubber	*Charina bottae*		BC	May 2003
		Lizard, Greater Short-horned	*Phrynosoma hernandesi*		AB SK	Apr 1992
	△	Milksnake	*Lampropeltis triangulum*		ON QC	May 2002
		Racer, Eastern Yellow-bellied	*Coluber constrictor flaviventris*		SK	Apr 1991
	△	Ribbonsnake, Eastern	*Thamnophis sauritus*	Great Lakes population	ON	May 2002
		Skink, Five-lined	*Eumeces fasciatus*		ON	Apr 1998
		Skink, Northern Prairie	*Eumeces septentrionalis septentrionalis*		MB	Apr 1989
	△	Skink, Western	*Eumeces skiltonianus*		BC	May 2002
	△	Turtle, Northern Map	*Graptemys geographica*		ON QC	May 2002
		Turtle, Spotted	*Clemmys guttata*		ON QC	Apr 1991
		Turtle, Wood	*Glyptemys insculpta*		ON QC NB NS	Apr 1996
Amphibians (8)						
△		Frog, Coast Tailed	*Ascaphus truei*		BC	May 2000
⚠	↔	Frog, Northern Leopard	*Rana pipiens*	Western Boreal/Prairie populations	NT AB SK MB	Nov 2002
⚠	↔	Frog, Red-legged	*Rana aurora*		BC	May 2002
⚠	↔	Salamander, Coeur d'Alene	*Plethodon idahoensis*		BC	Nov 2001
		Salamander, Small-mouthed	*Ambystoma texanum*		ON	Apr 1991
⚠	↔	Salamander, Spring	*Gyrinophilus porphyriticus*		ON QC	May 2002
⚠	↔	Toad, Great Plains	*Bufo cognatus*		AB SK MB	May 2002
△		Toad, Western	*Bufo boreas*		YT NT BC AB	Nov 2002
Fishes (29)						
		Buffalo, Bigmouth	*Ictiobus cyprinellus*		SK MB ON	Apr 1989
		Buffalo, Black	*Ictiobus niger*		ON	Apr 1989
△	↔	Chub, Silver	*Macrhybopsis storeriana*		MB ON	May 2001
		Cisco, Spring	*Coregonus* sp.		QC	Apr 1992
△		Cod, Atlantic	*Gadus morhua*	Arctic population	Arctic Ocean	May 2003
△		Cod, Atlantic	*Gadus morhua*	Maritimes population	Atlantic Ocean	May 2003
		Dace, Redside	*Clinostomus elongatus*		ON	Apr 1987
		Dace, Umatilla	*Rhinichthys umatilla*		BC	Apr 1988
		Darter, Greenside	*Etheostoma blennioides*		ON	Apr 1990
△	↔	Killifish, Banded	*Fundulus diaphanus*	Newfoundland population	NL	May 2003
		Kiyi	*Coregonus kiyi*		ON	Apr 1988

SPECIAL CONCERN CATEGORY (140) *continued*

Taxon/ Assessment Details		Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
Fishes (29) *(continued)*						
		Lamprey, Chestnut	*Ichthyomyzon castaneus*		SK MB	Apr 1991
		Lamprey, Northern Brook	*Ichthyomyzon fossor*		MB ON QC	Apr 1991
△	↔	Minnow, Pugnose	*Opsopoeodus emiliae*		ON	May 2000
	↔	Redhorse, River	*Moxostoma carinatum*		ON QC	Apr 1987
△		Sculpin, Columbia Mottled	*Cottus bairdi hubbsi*		BC	May 2000
△˙	↔	Shiner, Bridle	*Notropis bifrenatus*		ON QC	Nov 2001
	↔	Shiner, Silver	*Notropis photogenis*		ON	Apr 1987
		Stickleback, Charlotte Unarmoured	*Gasterosteus* sp.		BC	Apr 1983
		Stickleback, Giant	*Gasterosteus* sp.		BC	Apr 1980
		Sturgeon, Green	*Acipenser medirostris*		BC	Apr 1987
		Sturgeon, Shortnose	*Acipenser brevirostrum*		NB	Apr 1980
△˙	↔	Sucker, Spotted	*Minytrema melanops*		ON	Nov 2001
		Sunfish, Orangespotted	*Lepomis humilis*		ON	Apr 1989
		Sunfish, Redbreast	*Lepomis auritus*		NB	Apr 1989
△	↔	Topminnow, Blackstripe	*Fundulus notatus*		ON	May 2001
△˙	↔	Warmouth	*Lepomis gulosus*		ON	Nov 2001
		Whitefish, Squanga	*Coregonus* sp.		YT	Apr 1987
△		Wolffish, Atlantic	*Anarhichas lupus*		Atlantic Ocean	Nov 2000
Arthropods (2)						
△	↔	Monarch	*Danaus plexippus*		BC AB SK MB ON QC NB NS PE	Nov 2001
△		Weidemeyer's Admiral	*Limenitis weidemeyerii*		AB	May 2000
Molluscs (3)						
△		Jumping-slug, Warty	*Hemphillia glandulosa*		BC	May 2003
△		Mussel, Rocky Mountain Ridged	*Gonidea angulata*		BC	Nov 2003
△		Oyster, Olympia	*Ostrea conchaphila*		BC	Nov 2000
Vascular Plants (37)						
△	↓	Ash, Blue	*Fraxinus quadrangulata*		ON	Nov 2000
		Aster, Bathurst	*Symphyotrichum subulatum*	Bathurst population	NB	Apr 1992
		Aster, Gulf of St. Lawrence	*Symphyotrichum laurentianum*		QC NB PE	Apr 1989
△		Beggarticks, Vancouver Island	*Bidens amplissima*		BC	Nov 2001
		Bulrush, Long's	*Scirpus longii*		NS	Apr 1994
		Columbo, American	*Frasera caroliniensis*		ON	Apr 1993
△		Fern, American Hart's-tongue	*Asplenium scolopendrium*		ON	Nov 2000
		Fern, Broad Beech	*Phegopteris hexagonoptera*		ON QC	Apr 1983
△	↔	Fern, Coastal Wood	*Dryopteris arguta*		BC	Nov 2001
		Fleabane, Provancher's	*Erigeron philadelphicus* var. *provancheri*		QC	Apr 1992
		Gentian, Victorin's	*Gentianopsis victorinii*		QC	Apr 1987
△		Goldenrod, Riddell's	*Solidago riddellii*		MB ON	Nov 2000
		Goosefoot, Smooth	*Chenopodium subglabrum*		AB SK MB	Apr 1992
		Green Dragon	*Arisaema dracontium*		ON QC	Apr 1984
△	↔	Hairgrass, Mackenzie	*Deschampsia mackenzieana*		SK	Nov 2001
	↓	Helleborine, Giant	*Epipactis gigantea*		BC	Apr 1998
△˙	↔	Indian-plantain, Tuberous	*Arnoglossum plantagineum*		ON	May 2002
		Lilaeopsis, Eastern	*Lilaeopsis chinensis*		NS	Apr 1987

SPECIAL CONCERN CATEGORY (140) *continued*

Taxon/ Assessment Details		Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
Vascular Plants (37) *(continued)*						
		Locoweed, Hare-footed	*Oxytropis lagopus*		AB	Apr 1995
		Meadowfoam, Macoun's	*Limnanthes macounii*		BC	Apr 1988
△	↔	Milk-vetch, Fernald's	*Astragalus robbinsii* var. *fernaldii*		QC NL	Nov 2001
	↔	Oak, Shumard	*Quercus shumardii*		ON	Apr 1999
△	↓	Pepperbush, Sweet	*Clethra alnifolia*		NS	May 2001
		Pondweed, Hill's	*Potamogeton hillii*		ON	Apr 1986
		Quillwort, Bolander's	*Isoetes bolanderi*		AB	Apr 1995
△	↓	Rose, Climbing Prairie	*Rosa setigera*		ON	May 2003
		Rose-mallow, Swamp	*Hibiscus moscheutos*		ON	Apr 1987
		Rue-anemone, False	*Enemion biternatum*		ON	Apr 1990
		Rush, New Jersey	*Juncus caesariensis*		NS	Apr 1992
△		Tansy, Floccose	*Tanacetum huronense* var. *floccosum*		SK	May 2000
△	↔	Thrift, Athabasca	*Armeria maritima* ssp. *interior*		SK	May 2002
		Water-hemlock, Victorin's	*Cicuta maculata* var. *victorinii*		QC	Apr 1987
△		Willow, Felt-leaf	*Salix silicicola*		NU SK	May 2000
△		Willow, Sand-dune Short-capsuled	*Salix brachycarpa* var. *psammophila*		SK	May 2000
△		Willow, Turnor's	*Salix turnorii*		SK	May 2000
△		Woolly-heads, Tall	*Psilocarphus elatior*	Prairie population	AB SK	May 2001
△		Yarrow, Large-headed Woolly	*Achillea millefolium* var. *megacephalum*		SK	May 2000
Mosses (0)						
Lichens (4)						
		Cryptic Paw	*Nephroma occultum*		BC	Apr 1995
△		Lichen, Boreal Felt	*Erioderma pediceliatum*	Boreal population	NL	May 2002
		Oldgrowth Specklebelly	*Pseudocyphellaria rainierensis*		BC	Apr 1996
		Seaside Bone	*Hypogymnia heterophylla*		BC	Apr 1996

Table 7. Species assessed and found to be in the NOT AT RISK category with geographical occurrence and date of last assessment (by province, territory or ocean) (153 species).

NOT AT RISK CATEGORY (153)

Taxon/ Assessment Details		Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
Mammals (46)						
△		Badger *taxus* subspecies, American	*Taxidea taxus taxus*		AB SK MB	May 2000
	↔	Bear, American Black	*Ursus americanus*		YT NT NU BC AB SK MB ON QC NB NS NL	Apr 1999
△	↔	Caribou, Woodland	*Rangifer tarandus caribou*	Newfoundland population	NL	May 2002
	↔	Cottontail *pinetis* subspecies, Nuttall's	*Sylvilagus nuttallii pinetis*		AB SK	Apr 1994
		Dolphin, Atlantic White-sided	*Lagenorhynchus acutus*		Atlantic Ocean	Apr 1991
		Dolphin, Bottlenose	*Tursiops truncatus*		Atlantic Ocean	Apr 1993
		Dolphin, Common	*Delphinus delphis*		Atlantic Ocean Pacific Ocean	Apr 1991
		Dolphin, Northern Right Whale	*Lissodelphis borealis*		Pacific Ocean	Apr 1990
		Dolphin, Pacific White-sided	*Lagenorhynchus obliquidens*		Pacific Ocean	Apr 1990
		Dolphin, Risso's	*Grampus griseus*		Atlantic Ocean Pacific Ocean	Apr 1990
		Dolphin, Striped	*Stenella coeruleoalba*		Atlantic Ocean Pacific Ocean	Apr 1993
		Dolphin, White-beaked	*Lagenorhynchus albirostris*		Atlantic Ocean	Apr 1998
	✓	Gopher, Plains Pocket	*Geomys bursarius*		MB	Apr 1998
△	↔	Lynx, Canada	*Lynx canadensis*		YT NT NU BC AB SK MB ON QC NB NS NL	May 2001
	↔	Narwhal	*Monodon monceros*		Arctic Ocean	Apr 1987
		Porpoise, Dall's	*Phocoenoides dalli*		Pacific Ocean	Apr 1989
		Sea Lion, California	*Zalophus californianus*		BC Pacific Ocean	Apr 1987
		Seal Pacific subspecies, Harbour	*Phoca vitulina richardsi*		BC Pacific Ocean	Apr 1999
		Seal, Bearded	*Erignathus barbatus*		NL NU NT YT Atlantic Ocean Arctic Ocean	Apr 1994
		Seal, Grey	*Halichoerus grypus*		NB NL NS PE QC Atlantic Ocean	Apr 1999
		Seal, Hooded	*Cystophora cristata*		NL NU QC Atlantic Ocean	Apr 1986
		Seal, Northern Elephant	*Mirounga angustirostris*		BC Pacific Ocean	Apr 1986
		Seal, Northern Fur	*Callorhinus ursinus*		BC Pacific Ocean	Apr 1996
		Seal, Ringed	*Phoca hispida*		NL NU NT YT Atlantic Ocean Arctic Ocean	Apr 1989
		Squirrel, Cascade Mantled Ground	*Spermophilus saturatus*		BC	Apr 1992
		Squirrel, Fox	*Sciurus niger*		MB ON	Apr 1979
		Walrus, Atlantic	*Odobenus rosmarus rosmarus*	Eastern Arctic population	Arctic Ocean	Apr 1987
	✓	Weasel, Prairie Long-tailed	*Mustela frenata longicauda*		AB SK MB	Apr 1993
		Whale, Baird's Beaked	*Berardius bairdii*		Pacific Ocean	Apr 1992
		Whale, Beluga	*Delphinapterus leucas*	Beaufort Sea / Arctic Ocean population	Arctic Ocean	Apr 1985
		Whale, Beluga	*Delphinapterus leucas*	Western Hudson Bay population	Arctic Ocean	Apr 1993
		Whale, Blainville's Beaked	*Mesoplodon densirostris*		Atlantic Ocean	Apr 1989

NOT AT RISK CATEGORY (153) *continued*

Taxon/ Assessment Details		Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
Mammals (46) (*continued*)						
		Whale, Cuvier's Beaked	*Ziphius cavirostris*		Atlantic Ocean Pacific Ocean	Apr 1990
		Whale, False Killer	*Pseudorca crassidens*		Pacific Ocean	Apr 1990
		Whale, Grey	*Eschrichtius robustus*	Northeast Pacific population	Pacific Ocean Arctic Ocean	Apr 1987
		Whale, Hubbs' Beaked	*Mesoplodon carlhubbsi*		Pacific Ocean	Apr 1989
△	✓	Whale, Humpback	*Megaptera novaeangliae*	Western North Atlantic population	Atlantic Ocean	May 2003
		Whale, Long-finned Pilot	*Globicephala melas*		Atlantic Ocean	Apr 1994
		Whale, Northern Bottlenose	*Hyperoodon ampullatus*	Davis Strait population	Atlantic Ocean	Apr 1993
		Whale, Pygmy Sperm	*Kogia breviceps*		Atlantic Ocean Pacific Ocean	Apr 1994
		Whale, Short-finned Pilot	*Globicephala macrorhynchus*		Pacific Ocean	Apr 1993
		Whale, Sperm	*Physeter macrocephalus*		Atlantic Ocean Pacific Ocean	Apr 1996
		Whale, Stejneger's Beaked	*Mesoplodon stejneri*		Pacific Ocean	Apr 1989
		Whale, True's Beaked	*Mesoplodon mirus*		Atlantic Ocean	Apr 1989
		Wolf, Northern Grey	*Canis lupus occidentalis*		YT NT NU BC AB SK MB ON QC NL	Apr 1999
		Wolf, Southern Grey	*Canis lupus nubilus*		BC	Apr 1999
Birds (35)						
	✓	Bluebird, Eastern	*Sialia sialis*		AB SK MB ON QC NB NS PE	Apr 1996
△	↔	Chat *auricollis* subspecies, Yellow-breasted	*Icteria virens auricollis*	Prairie population	AB SK	Nov 2000
		Coot, American	*Fulica americana*		YT NT NU BC AB SK MB ON QC NB NS	Apr 1991
		Cormorant, Double-crested	*Phalocrocorax auritus*		YT NT BC AB SK MB ON QC NB NS PE NL	Apr 1978
		Crane *tabida* subspecies, Sandhill	*Grus canadensis tabida*		BC MB ON	Apr 1979
		Eagle, Bald	*Haliaeetus leucocephalus*		YT NT NU BC AB SK MB ON QC NB NS PE NL	Apr 1984
	↔	Eagle, Golden	*Aquila chrysaetos*		YT NT NU BC AB SK MB ON QC NL	Apr 1996
	↔	Falcon, Prairie	*Falco mexicanus*		BC AB SK	Apr 1996
		Flycatcher, Grey	*Empidonax wrightii*		BC	Apr 1992
		Goshawk *atricapillus* subspecies, Northern	*Accipiter gentilis atricapillus*		YT NT NU BC AB SK MB ON QC NB NS PE NL	Apr 1995
		Grebe, Red-necked	*Podiceps grisegena*		YT NT NU BC AB SK MB ON QC NS NL	Apr 1982
	↔	Gyrfalcon	*Falco rusticolus*		YT NT NU BC AB SK ON QC NS PE NL	Apr 1987
		Harrier, Northern	*Circus cyaneus*		YT NT NU BC AB SK MB ON QC NB NS PE NL	Apr 1993
	✓	Hawk, Cooper's	*Accipiter cooperii*		BC AB SK MB ON QC NB NS	Apr 1996
		Hawk, Red-tailed	*Buteo jamaicensis*		YT NT NU BC AB SK MB ON QC NB NS PE NL	Apr 1995

NOT AT RISK CATEGORY (153) *continued*

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
Birds (35) *(continued)*					
	Hawk, Rough-legged	*Buteo lagopus*		YT NT NU BC MB ON QC NL	Apr 1995
→	Hawk, Sharp-shinned	*Accipiter striatus*		YT NT NU BC AB SK MB ON QC NB NS PE NL	Apr 1997
	Loon, Common	*Gavia immer*		YT NT NU BC AB SK MB ON QC NB NS PE NL	Apr 1997
	Loon, Yellow-billed	*Gavia adamsii*		YT NT NU BC AB MB QC	Apr 1997
	Merlin	*Falco columbarius*		YT NT NU BC AB SK MB ON QC NB NS PE NL	Apr 1985
	Owl, Boreal	*Aegolius funereus*		YT NT NU BC AB SK MB ON QC NB NS PE NL	Apr 1995
✓	Owl, Great Grey	*Strix nebulosa*		YT NT BC AB SK MB ON QC	Apr 1996
	Owl, Northern Hawk	*Surnia ulula*		YT NT BC AB SK MB ON QC NB NL	Apr 1992
	Owl, Snowy	*Bubo scandiaca*		YT NT NU MB QC NL	Apr 1995
✓	Pelican, American White	*Pelecanus erythrorhynchos*		BC AB SK MB ON	Apr 1987
	Screech-Owl, Eastern	*Megascops asio*		SK MB ON QC NB	Apr 1986
✓	Sparrow, Baird's	*Ammodramus bairdii*		AB SK MB	Apr 1996
	Sparrow, Nelson's Sharp-tailed	*Ammodramus nelsoni*		BC AB SK MB ON QC NB NS PE	Apr 1998
✓	Swan, Trumpeter	*Cygnus buccinator*		YT NT BC AB SK ON	Apr 1996
→	Tern, Black	*Chlidonias niger*		NT BC AB SK MB ON QC NB NS	Apr 1996
✓	Tern, Caspian	*Sterna caspia*		NT BC AB SK MB ON QC NL	Apr 1999
	Tern, Common	*Sterna hirundo*		NT AB SK MB ON QC NB NS PE NL	Apr 1998
✓	Warbler, Prairie	*Dendroica discolor*		ON	Apr 1999
	Wren, Canyon	*Catherpes mexicanus*		BC	Apr 1992
	Wren, Sedge	*Cistothorus platensis*		AB SK MB ON QC NB	Apr 1993
Reptiles (5)					
△	Brownsnake, DeKay's	*Storeria dekayi*		ON QC	May 2002
△	Gartersnake, Northwestern	*Thamnophis ordinoides*		BC	May 2003
△	Lizard, Northern Alligator	*Elgaria coerulea*		BC	May 2002
	Racer, Western Yellow-bellied	*Coluber constrictor mormon*		BC	Apr 1991
△	Watersnake, Northern	*Nerodia sipedon sipedon*		ON QC	May 2002
Amphibians (14)					
	Ensatina	*Ensatina eschscholtzii*		BC	Apr 1999
△	Frog, Columbia Spotted	*Rana luteiventris*		YT BC AB	May 2000
	Frog, Northern Leopard	*Rana pipiens*	Eastern population	ON QC NB NS NL	Apr 1999
	Frog, Pickerel	*Rana palustris*		ON QC NB NS	Apr 1999
△	Frog, Western Chorus	*Pseudacris triseriata*		ON QC	May 2001
△	Mudpuppy	*Necturus maculosus*		MB ON QC	May 2000
	Salamander, Four-toed	*Hemidactylium scutatum*		ON QC NB NS	Apr 1999
	Salamander, Northern Dusky	*Desmognathus fuscus*		ON QC NB	Apr 1999

NOT AT RISK CATEGORY (153) *continued*

Taxon/ Assessment Details		Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
Amphibians (14) *(continued)*						
		Salamander, Northwestern	*Ambystoma gracile*		BC	Apr 1999
△		Salamander, Tiger	*Ambystoma tigrinum*	Prairie / Boreal population	AB SK MB	Nov 2001
△		Salamander, Western Red-backed	*Plethodon vehiculum*		BC	Nov 2001
△		Spadefoot, Plains	*Spea bombifrons*		AB SK MB	May 2003
△		Toad, Canadian	*Bufo hemiophrys*		NT AB SK MB	May 2003
		Treefrog, Cope's Grey	*Hyla chrysoscelis*		MB	Apr 1999
Fishes (35)						
		Bloater	*Coregonus hoyi*		ON	Apr 1988
△	○	Chiselmouth	*Acrocheilus alutaceus*		BC	May 2003
		Chub, Hornyhead	*Nocomis biguttatus*		MB ON	Apr 1988
		Chub, River	*Nocomis micropogon*		ON	Apr 1988
		Dace, Leopard	*Rhinichthys falcatus*		BC	Apr 1990
		Darter, Least	*Etheostoma microperca*		ON	Apr 1989
		Darter, River	*Percina shumardi*		MB ON	Apr 1989
		Darter, Tessellated	*Etheostoma olmstedi*		ON QC	Apr 1993
		Herring, Blueback	*Alosa aestivalis*		NB NS	Apr 1980
		Killifish, Banded	*Fundulus diaphanus*	Mainland population	MB ON QC NB NS PE NL	Apr 1989
△	✓	Madtom, Brindled	*Noturus miurus*		ON	May 2001
		Minnow, Bluntnose	*Pimephales notatus*		MB ON QC	Apr 1998
		Minnow, Cutlips	*Exoglossum maxillingua*		ON QC	Apr 1994
		Minnow, Eastern Silvery	*Hybognathus regius*		ON QC	Apr 1997
		Pickerel, Chain	*Esox niger*		QC NB NS	Apr 1997
		Pickerel, Redfin	*Esox americanus americanus*		QC	Apr 1998
		Redhorse, Golden	*Moxostoma erythrurum*		MB ON	Apr 1989
△	✓	Sardine, Pacific	*Sardinops sagax*		Pacific Ocean	May 2002
		Sculpin, Fourhorn	*Myoxocephalus quadricornis*	Salt water form	Arctic Ocean Atlantic Ocean Pacific Ocean	Apr 1989
		Sculpin, Spoonhead	*Cottus ricei*		YT NT BC AB SK MB ON QC	Apr 1989
△	✓	Shiner, Bigmouth	*Notropis dorsalis*		MB	Nov 2003
		Shiner, Blackchin	*Notropis heterodon*		MB ON QC	Apr 1994
		Shiner, Ghost	*Notropis buchanani*		ON	Apr 1993
		Shiner, Redfin	*Lythrurus umbratilis*		ON	Apr 1988
		Shiner, Rosyface	*Notropis rubellus*		ON QC	Apr 1994
		Shiner, Striped	*Luxilus chrysocephalus*		ON	Apr 1993
		Shiner, Weed	*Notropis texanus*		MB	Apr 1999
		Silverside, Brook	*Labidesthes sicculus*		ON QC	Apr 1989
	✓	Stoneroller, Central	*Campostoma anomalum*		ON	Apr 1998
		Sturgeon, Lake	*Acipenser fulvescens*		AB SK MB ON QC	Apr 1986
		Sucker, Mountain	*Catostomus platyrhynchus*		BC AB SK	Apr 1991
		Sunfish, Green	*Lepomis cyanellus*		ON	Apr 1987
		Sunfish, Longear	*Lepomis megalotis*		ON QC	Apr 1987
△		Wolf-eel	*Anarrhichthys ocellatus*		Pacific Ocean	May 2003
		Y-Prickleback	*Allolumpenus hypochromus*		BC	Apr 1991
Arthropods (0)						

NOT AT RISK CATEGORY (153) *continued*

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
Molluscs (2)					
△	Capshell, Rocky Mountain	*Acroloxus coloradensis*	Western population	BC AB	Nov 2001
△	Crater, Spike-lip	*Appalachina sayana*		NB NS ON QC	Nov 2003
Vascular Plants (16)					
	Aster, Short's	*Symphyotrichum shortii*		ON	Apr 1999
	Aster, Yukon	*Symphyotrichum yukonense*		YT NT	Apr 1996
	Brickellia, Large-flowered	*Brickellia grandiflora*		BC AB	Apr 1996
	Fameflower	*Talinum sediforme*		BC	Apr 1990
	Fleabane, Dwarf	*Erigeron radicatus*		AB SK	Apr 1996
	Goldenweed, Northern Mock	*Stenotus borealis*		YT	Apr 1997
	Mermaid, False	*Floerkea proserpinacoides*		ON QC NS	Apr 1984
	Phlox, Blue	*Phlox alyssifolia*		AB SK	Apr 1996
	Pink, Rush	*Stephanomeria runcinata*		AB SK	Apr 1996
	Rhododendron, Pacific	*Rhododendron macrophyllum*		BC	Apr 1997
	Sagebrush, Wood's	*Artemisia rupestris* ssp. *woodii*		YT	Apr 1997
	Sedge, Nebraska	*Carex nebrascensis*		AB	Apr 1995
	Stitchwort, Sand	*Stellaria arenicola*		AB SK	Apr 1992
	Wallflower, Narrow-leaved	*Erysimum angustatum*		YT	Apr 1993
✓	Willow, Tyrrell's	*Salix tyrrellii*		NT SK	Apr 1999
	Woolly-heads, Slender	*Psilocarphus tenellus* var. *tenellus*		BC	Apr 1996
Mosses (0)					
Lichens (0)					

Table 8. Species assessed and found to be DATA DEFICIENT because of insufficient scientific information, with geographical occurrence and date of last assessment (by province, territory or ocean) (32 species).

DATA DEFICIENT (32)

Taxon/ Assessment Details		Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
Mammals (9)						
△	☼	Bat, Keen's Long-eared	*Myotis keenii*		BC	Nov 2003
	☼	Cougar	*Puma concolor couguar*	Eastern population	ON QC NB NS	Apr 1998
		Mouse *dychei* subspecies, Western Harvest	*Reithrodontomys megalotis dychei*		AB	Apr 1994
		Seal Altantic subspecies, Harbour	*Phoca vitulina concolor*		MB NB NL NS NU ON PE Atlantic Ocean Arctic Ocean	Apr 1999
		Vole, Sagebrush	*Lemmiscus curtatus*		AB SK	Apr 1996
		Whale, Dwarf Sperm	*Kogia simus*		Pacific Ocean	Apr 1997
⧋	↔	Whale, Killer	*Orcinus orca*	Northwest Atlantic / Eastern Arctic populations	Arctic Ocean Atlantic Ocean	Nov 2001
△		Whale, Sei	*Balaenoptera borealis*	Atlantic population	Atlantic Ocean	May 2003
		Wolf, Arctic Grey	*Canis lupus arctos*		NT NU	Apr 1999
Birds (2)						
		Poorwill, Common	*Phalaenoptilus nuttallii*		BC AB SK	Apr 1993
		Tern, Forster's	*Sterna forsteri*		BC AB SK MB ON	Apr 1996
Reptiles (2)						
△		Bullsnake	*Pituophis catenifer sayi*		AB SK	May 2002
△		Turtle, Eastern Box	*Terrapene carolina carolina*		ON	May 2002
Amphibians (0)						
Fishes (9)						
		Catfish, Flathead	*Pylodictis olivaris*		ON	Apr 1993
		Cisco, Bering	*Coregonus laurettae*		YT	Apr 1990
		Lamprey, Darktail	*Lethenteron alaskense*		NT	Apr 1990
△	☼	Madtom, Margined	*Noturus insignis*		ON QC	May 2002
△	☼	Prickleback, Pighead	*Acantholumpenus mackayi*		Arctic Ocean	May 2003
△	☼	Sculpin, Fourhorn	*Myoxocephalus quadricornis*	Freshwater form	NL NT NU	Nov 2003
		Sculpin, Spinynose	*Asemichthys taylori*		Pacific Ocean	Apr 1997
⧋	↔	Whitefish, Lake	*Coregonus clupeaformis*	Mira River population	NS	Nov 2000
△	☼	Wolffish, Bering	*Anarhichas orientalis*		Arctic Ocean	Nov 2002
Arthropods (0)						
Molluscs (4)						
△		Capshell, Rocky Mountain	*Acroloxus coloradensis*	Eastern population	ON QC	Nov 2001
△		Duskysnail, Squat	*Lyogyrus granum*		NB NS	Nov 2003
△		Fieldslug, Evening	*Deroceras hesperium*		BC	Nov 2003
		Snail, Gatineau Tadpole	*Physella parkeri latchfordi*		QC	Apr 1997
Vascular Plants (4)						
		Barley, Little	*Hordeum pusillum*		AB	Apr 1993
		Goldenweed, Rabbit-brush	*Ericameria bloomeri*		BC	Apr 1997
		Pinweed, Impoverished	*Lechea intermedia* var. *depauperata*		SK	Apr 1997
		Whitlow-grass, Kananaskis	*Draba kananaskis*		AB	Apr 1992
Mosses (0)						

DATA DEFICIENT (32) *continued*

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
Lichens (2)					
△	Stubble, Flexuous Golden	*Chaenotheca servitii*		NS	Nov 2002
△	Stubble, Red Oak	*Phaeocalicium minutissimum*		QC NB	Nov 2002

RECORD OF STATUS RE-ASSESSMENTS

A short history is provided for each species that has been re-assessed by COSEWIC, including date(s) of assessment and the status assigned. In October 1999 COSEWIC began using quantitative criteria to augment the earlier method of using status definitions to assign status. For species assessed since October 1999, the type of status report used as the basis for re-assessment is indicated. Update reports focus on changes in the biological and threat information that has become available since the last time a report was prepared. For some species, COSEWIC deemed the existing report suitable for re-assessment.

Acadian Flycatcher
Designated Endangered in April 1994. Status re-examined and confirmed in November 2000. Last assessment based on an update status report.

Allegheny Mountain Dusky Salamander
Designated Special Concern in April 1998. Status re-examined and uplisted to Threatened in November 2001. Last assessment based on an existing status report with an addendum.

American Badger
Designated Not at Risk in April 1979. Original Canada-wide listing de-activated in May 2000 when the American Badger was split according to subspecies.

American Black Bear
Designated Not at Risk in April 1998. Status re-examined and confirmed in April 1999.

American Ginseng
Designated Threatened in April 1988. Status re-examined and uplisted to Endangered in April 1999. Status re-examined and confirmed Endangered in May 2000. Last assessment based on an existing status report.

American Water-willow
Designated Threatened in April 1984. Status re-examined and confirmed in May 2000. Last assessment based on an update status report.

American White Pelican
Designated Threatened in April 1978. Status re-examined and de-listed (Not at Risk) in April 1987.

Anticosti Aster
Designated Threatened in April 1990. Status re-examined and confirmed in May 2000. Last assessment based on an update status report.

Athabasca Thrift
Designated Threatened in April 1981. Status re-examined and downlisted to Special Concern in April 1999. Status re-examined and confirmed in May 2002. Last assessment based on an existing status report.

Atlantic Cod
Designated Special Concern in April 1998. Split into four populations in May 2003. Original listing was de-activated. Last assessment based on an update status report.

Atlantic Walrus (Northwest Atlantic population)
Extirpated around 1850. Designated Extirpated in April 1987. Status confirmed in May 2000. Last assessment based on an existing status report.

Atlantic Whitefish
Designated Endangered in April 1984. Status re-examined and confirmed in November 2000. Last assessment based on an update status report.

Aurora Trout
Designated Endangered in April 1987. Status re-examined and confirmed in May 2000. Last assessment based on an update status report.

Baird's Sparrow
Designated Threatened in April 1989. Status re-examined and de-listed (Not at Risk) in April 1996.

Banded Killifish (Newfoundland population)
Designated Special Concern in April 1989. Status re-examined and confirmed in May 2003. Last assessment based on an update status report.

Banff Longnose Dace
Extinct since 1986. Designated Extinct in April 1987. Status confirmed in May 2000. Last assessment based on an existing status report.

Banff Springs Snail
Designated Threatened in April 1997. Status re-examined and uplisted to Endangered in May 2000. Last assessment based on an existing status report.

Barn Owl
The species was considered a single unit and assigned a status of Special Concern in April 1984. In April 1999, COSEWIC assessed the Western and Eastern populations of this species separately. The original listing for the Canadian range of the Barn Owl was de-activated.

Barn Owl (Eastern population)
The species was considered a single unit and assigned a status of Special Concern in April 1984. In April 1999, COSEWIC assessed the Western and Eastern populations of this species separately. The Eastern population was designated Endangered. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Barn Owl (Western population)
The species was considered a single unit and assigned a status of Special Concern in April 1984. In April 1999, the Western and Eastern populations were assessed separately. The Western population was designated Special Concern. Status re-examined and confirmed in November 2001. Last assessment based on an existing status report.

Bashful Bulrush
Designated Special Concern in April 1986. Status re-examined and uplisted to Endangered in May 2000. Last assessment based on an update status report.

Bearded Owl-clover
Designated Endangered in April 1998. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Beluga Whale (St. Lawrence River population)
Designated Endangered in April 1983. Status re-examined and confirmed in April 1997.

Benthic Hadley Lake Stickleback
Extinct in 1999. Designated Extinct in April 1999. Status confirmed in May 2000. Last assessment based on an existing status report.

Benthic Paxton Lake Stickleback
Designated Threatened in April 1998. Status re-examined and confirmed in April 1999. Status re-examined and uplisted to Endangered in May 2000. Last assessment based on an existing status report.

Benthic Vananda Creek Stickleback
Designated Threatened in April 1999. Status re-examined and uplisted to Endangered in May 2000. Last assessment based on an existing status report.

Bering Wolffish
Designated Special Concern in April 1989. Status re-examined in November 2002 and changed to Data Deficient. Last assessment based on an update status report.

Bigmouth Shiner
Designated Special Concern in April 1985. Status re-examined and de-listed (Not at Risk) in November 2003. Last assessment based on an update status report.

Bird's-foot Violet
Designated Threatened in April 1990. Status re-examined and uplisted to Endangered in May 2002. Last assessment based on an update status report.

Black Tern
Designated Not at Risk in April 1988. Status re-examined and confirmed in April 1996.

Black-footed Ferret
Extirpated by 1974. Designated Extirpated in April 1978. Status confirmed in May 2000. Last assessment based on an existing status report.

Blackstripe Topminnow
Designated Special Concern in April 1985. Status re-examined and confirmed in May 2001. Last assessment based on an update status report.

Black-tailed Prairie Dog
Designated Special Concern in April 1978. Status re-examined and confirmed Special Concern in April 1988, April 1999 and in November 2000. Last assessment based on an existing status report.

Blue Ash
Designated Threatened in April 1983. Status re-examined and downlisted to Special Concern in November 2000. Last assessment based on an update status report.

Blue Racer
Designated Endangered in April 1991. Status re-examined and confirmed in May 2002. Last assessment based on an update status report.

Blue Walleye
Extinct since 1965. Designated Extinct in April 1985. Status confirmed in May 2000. Last assessment based on an existing status report.

Blue Whale
The species was considered a single unit and assigned a status of Special Concern in April 1983. In May 2002, the species was split into two populations: Blue Whale (Atlantic population) and Blue Whale (Pacific population). The Atlantic population and the Pacific populations were both designated Endangered in May 2002. The original listing for Blue Whale was de-activated.

Bluehearts
Designated Threatened in April 1985. Status re-examined and uplisted to Endangered in April 1998. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Blunt-lobed Woodsia
Designated Threatened in April 1994. Status re-examined and uplisted to Endangered in May 2000. Last assessment based on an existing status report.

Bowhead Whale (Eastern and Western Arctic Populations)
Designated Endangered in April 1980. Split into two populations (Eastern Arctic and Western Arctic) to allow a separate designation for the Western Arctic population in April 1986. Original listing was de-activated.

Branched Bartonia
Designated Special Concern in April 1992. Status re-examined and uplisted to Threatened in November 2003. Last assessment based on an update status report.

Bridle Shiner
Designated Special Concern in April 1999. Status re-examined and confirmed in November 2001. Last assessment based on an existing status report with an addendum.

Brindled Madtom
Designated Special Concern in April 1985. Status re-examined and de-listed (Not at Risk) in May 2001. Last assessment based on an update status report.

Buffalograss
Designated Special Concern in April 1998. Status re-examined and uplisted to Threatened in November 2001. Last assessment based on an existing status report.

Burrowing Owl
Designated Threatened in April 1979. Status re-examined and confirmed in April 1991. Status re-examined and uplisted to Endangered in April 1995. Status re-examined and confirmed Endangered in May 2000. Last assessment based on an existing status report.

Butler's Gartersnake
Designated Special Concern in April 1999. Status re-examined and uplisted to Threatened in November 2001. Last assessment based on an existing status report.

Canada Lynx
Designated Not at Risk in April 1989. Status re-examined and confirmed in May 2001. Last assessment based on an update status report.

Caribou *dawsoni* subspecies
Extinct by the 1920's. Designated Extinct in April 1984. Status confirmed in May 2000. Last assessment based on an update status report.

Carmine Shiner
Designated Special Concern in April 1994. Status re-examined and uplisted to Threatened in November 2001. Last assessment based on an existing status report.

Caspian Tern
Designated Special Concern in April 1978. Status re-examined and de-listed (Not at Risk) in April 1999.

Central Stoneroller
Designated Special Concern in 1985. Status re-examined and de-listed (Not at Risk) in 1998.

Cerulean Warbler
Designated Special Concern in April 1993. Status re-examined and confirmed in May 2003. Last assessment based on an update status report.

Channel Darter
Designated Threatened in April 1993. Status re-examined and confirmed in May 2002. Last assessment based on an update status report.

Chiselmouth
Designated Data Deficient in April 1997. Status re-examined and designated Not at Risk in May 2003. Last assessment based on an update status report.

Climbing Prairie Rose
Designated Special Concern in April 1986. Status re-examined and uplisted to Threatened in May 2002. Downlisted to Special Concern in May 2003. Last assessment based on an existing status report with an addendum.

Coastal Giant Salamander
Designated Special Concern in April 1989. Status re-examined and uplisted to Threatened in November 2000. Last assessment based on an update status report.

Coastal Wood Fern
Designated Special Concern in April 1998. Status re-examined and confirmed in November 2001. Last assessment based on an existing status report.

Coeur d'Alene Salamander
Designated Special Concern in April 1998. Status re-examined and confirmed in November 2001. Last assessment based on an existing status report with an addendum.

Colicroot
Designated Threatened in April 1988. Status re-examined and confirmed in November 2000. Last assessment based on an update status report.

Common Hoptree
Designated Special Concern in April 1984. Status re-examined and uplisted to Threatened in November 2002. Last assessment based on an update status report.

Cooper's Hawk
Designated Special Concern in April 1983. Status re-examined and de-listed (Not at Risk) in April 1996.

Cougar (Eastern population)
Designated Endangered in April 1978. Status re-examined in April 1998 and designated Data Deficient.

Cowichan Lake Lamprey
Designated Special Concern in April 1986. Status re-examined and confirmed in April 1998. Status re-examined and uplisted to Threatened in November 2000. Last assessment based on an existing status report.

Crooked-stem Aster
Designated Special Concern in April 1999. Status re-examined and uplisted to Threatened in May 2002. Last assessment based on an existing status report.

Cucumber Tree
Designated Endangered in April 1984. Status re-examined and confirmed Endangered in April 1999 and in May 2000. Last assessment based on an existing status report.

Cultus Pygmy Sculpin
Designated Special Concern in April 1997. Status re-examined and uplisted to Threatened in November 2000. Last assessment based on an existing status report.

Deepwater Cisco
Extinct since 1952. Designated Extinct in April 1988. Status confirmed in May 2000. Last assessment based on an existing status report.

Deerberry
Designated Threatened in April 1994. Status re-examined and confirmed in November 2000. Last assessment based on an update status report.

Deltoid Balsamroot
Designated in April 1996 as Endangered. Status re-examined and confirmed Endangered in May 2000. Last assessment based on an existing status report.

Dense Blazing Star
Designated Special Concern in April 1988. Status re-examined and uplisted to Threatened in May 2001. Last assessment based on an update status report.

Drooping Trillium
Designated Endangered in April 1996. Status re-assessed and confirmed in May 2000. Last assessment based on an existing status report.

Dwarf Hackberry
Designated Special Concern in April 1985. Status re-examined and uplisted to Threatened in November 2003. Last assessment based on an update status report.

Dwarf Wedgemussel
Extirpated by 1968. Designated Extirpated in April 1999. Status confirmed in May 2000. Last assessment based on an existing status report.

Eastern Bluebird
Designated Special Concern in April 1984. Status re-examined and de-listed (Not at Risk) in April 1996.

Eastern Foxsnake
Designated Threatened in April 1999. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Eastern Hog-nosed Snake
Designated Special Concern in April 1997. Status re-examined and uplisted to Threatened in November 2001. Last assessment based on an existing status report.

Eastern Mole
Designated Special Concern in April 1980. Status re-examined and confirmed Special Concern in April 1998 and in November 2000. Last assessment based on an existing status report.

Eastern Mountain Avens
Designated Endangered in April 1986. Status re-examined and confirmed Endangered in April 1999 and May 2000. Last assessment based on an existing status report.

Eastern Prairie Fringed-orchid
Designated Special Concern in April 1986. Status re-examined and uplisted to Endangered in May 2003. Last assessment based on an update status report.

Eastern Prickly Pear Cactus
Designated Endangered in April 1985. Status re-examined and confirmed Endangered in April 1998 and in May 2000. Last assessment based on an existing status report.

Eastern Ratsnake
Designated Threatened in April 1998. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Eastern Sand Darter
Designated Threatened in April 1994. Status re-examined and confirmed in November 2000. Last assessment based on an existing status report with an addendum.

Eastern Wolf
Designated Data Deficient in April 1999. Status re-examined in May 2001 and designated Special Concern. Last assessment based on an update status report.

Eelgrass Limpet
Extinct since 1929. Designated Extinct in April 1996. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Engelmann's Quillwort
Designated Endangered in April 1992. Status re-examined and confirmed in May 2001. Last assessment based on an update status report.

Enos Lake Sticklebacks
Designated Threatened in April 1988. Split into two species when re-examined in November 2002: Benthic Enos Lake Stickleback and Limnetic Enos Lake Stickleback. The original listing was de-activated. Last assessment based on an update status report.

Ermine *haidarum* subspecies
Designated Special Concern in April 1984. Status re-examined and uplisted to Threatened in May 2001. Last assessment based on an update status report.

Eskimo Curlew
Designated Endangered in April 1978. Status re-examined and confirmed Endangered in May 2000. Last assessment based on an update status report.

False Hop Sedge
Designated Threatened in April 1997. Status re-examined and uplisted to Endangered in May 2000. Last assessment based on an existing status report.

Fernald's Braya
Designated Threatened in April 1997. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Fernald's Milk-vetch
Designated Special Concern in April 1997. Status re-examined and confirmed in November 2001. Last assessment based on an existing status report.

Ferruginous Hawk
Designated Threatened in April 1980. Status re-examined and downlisted to Special Concern in April 1995.

Flammulated Owl
Designated Special Concern in April 1988. Status re-examined and confirmed Special Concern in April 1999 and in November 2001. Last assessment based on an existing status report.

Fourhorn Sculpin (Freshwater form)
Designated Special Concern in April 1989. Status re-examined in November 2003 and designated Data Deficient. Last assessment based on an update status report.

Fowler's Toad
Designated Special Concern in April 1986. Status re-examined and uplisted to Threatened in April 1999. Status re-examined and confirmed in November 2000. Last assessment based on an existing status report with an addendum.

Frosted Elfin
Extirpated by 1988. Designated Extirpated in April 1999. Status confirmed in May 2000. Last assessment based on an existing status report.

Furbish's Lousewort
Designated Endangered in April 1980. Status re-examined and confirmed Endangered in April 1998 and in May 2000. Last assessment based on an existing status report.

Gattinger's Agalinis
Designated Endangered in April 1988. Status re-examined and confirmed in April 1999 and in May 2001. Last assessment based on an existing status report that was modified.

Giant Helleborine
Designated Threatened in April 1984. Status re-examined and downlisted to Special Concern in April 1998.

Golden Crest
Designated Threatened in April 1987. Status re-examined and confirmed Threatened in April 1999 and in May 2000. Last assessment based on an existing status report.

Golden Eagle
Designated Not at Risk in April 1987. Status re-examined and confirmed in April 1996.

Golden Paintbrush
Designated Threatened in April 1995. Status re-examined and uplisted to Endangered in May 2000. Last assessment based on an existing status report with an addendum.

Goldenseal
Designated Threatened in April 1991. Status re-examined and confirmed in May 2000. Last assessment based on an update status report.

Gravel Chub
Last recorded in Thames River drainage, ON in 1958. Designated Endangered in April 1985. Status re-examined and uplisted to Extirpated in April 1987. Extirpated status confirmed in May 2000. Last assessment based on an existing status report.

Great Auk
Believed to be Extinct since 1844. Designated in April 1985 based on historic records only. Status report prepared and approved by COSEWIC in 1994. Status confirmed in May 2000. Last assessment based on an existing status report.

Great Basin Spadefoot
Designated Special Concern in April 1998. Status re-examined and uplisted to Threatened in November 2001. Last assessment based on an existing status report.

Great Grey Owl
Designated Special Concern in April 1979. Status re-examined and confirmed in April 1990. Status re-examined and de-listed (Not at Risk) in April 1996.

Great Plains Toad
Designated Special Concern in April 1999. Status re-examined and confirmed Special Concern in May 2002. Last assessment based on an existing status report.

Greater Prairie-Chicken
Last reported in 1987. Designated Endangered in April 1978. Status re-examined and uplisted to Extirpated in April 1990. Status re-confirmed in May 2000. Last assessment based on an existing status report.

Greater Sage-Grouse *phaios* subspecies
Has not been reported since the 1960s. Designated Extirpated in April 1997. Extirpated status confirmed in May 2000. Last assessment based on an existing status report.

Greater Sage-Grouse *urophasianus* subspecies
Given conditional designation of Threatened in April 1997. Status re-examined and uplisted to Endangered in April 1998 based on a revised status report. Status re-examined confirmed Endangered in May 2000. Last assessment based on an existing status report.

Grey Fox
Designated Special Concern in April 1979. Status re-examined and uplisted to Threatened in May 2002. Last assessment based on an update status report.

Grey Whale (Atlantic population)
Extirpated before the end of the 1800's. Designated Extirpated in April 1987. Status confirmed in May 2000. Last assessment based on an existing status report.

Grizzly Bear
The species was considered a single unit and assigned a status of Not at Risk in April 1979. Split into two populations in April 1991 (Prairie population and Northwestern population). Original listing for "Grizzly Bear" across Canada de-activated.

Grizzly Bear (Northwestern population)
The species was considered a single unit and assigned a status of Not at Risk in April 1979. Split into two populations in April 1991 (Prairie population and Northwestern population). Northwestern population designated Special Concern in April 1991. The status was re-examined and confirmed in May 2002. Last assessment based on an update status report.

Grizzly Bear (Prairie population)
The species was considered a single unit and assigned a status of Not at Risk in April 1979. Split into two populations in April 1991 (Prairie population and Northwestern population). Prairie population designated Extirpated in April 1991. Status re-examined and confirmed in May 2000 and in May 2002. Last assessment based on an update status report.

Gyrfalcon
Designated Not at Risk in April 1978. Status re-examined and confirmed in April 1987.

Hairy Prairie-clover
Designated Threatened in April 1998. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report with an addendum.

Harbour Porpoise (Northwest Atlantic population)
Designated Threatened in April 1990. Status re-examined and confirmed in April 1991. Downlisted to Special Concern in May 2003. Last assessment based on an update status report.

Harbour Porpoise (Pacific Ocean population)
Designated Data Deficient in April 1991. Status re-examined and designated Special Concern in November 2003. Last assessment based on an update status report.

Harlequin Duck (Eastern population)
The Eastern population was designated Endangered in April 1990. Status re-examined and downlisted to Special Concern in May 2001. Last assessment based on an update status report.

Heart-leaved Plantain
Designated Endangered in April 1985. Status re-examined and confirmed Endangered in April 1998 and in May 2000. Last assessment based on an existing status report.

Henslow's Sparrow
Designated Threatened in April 1984. Status re-examined and uplisted to Endangered in April 1993. Status re-examined and confirmed in November 2000. Last assessment based on an update status report.

Hoary Mountain-mint
Designated Endangered in April 1986. Status re-examined and confirmed Endangered in April 1998 and in May 2000. Last assessment based on an existing status report.

Hooded Warbler
Designated Threatened in April 1994. Status re-examined and confirmed in November 2000. Last assessment based on an update status report.

Hotwater Physa
Designated Endangered in April 1998. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Humpback Whale (North Pacific population)
The "Western North Atlantic and North Pacific populations" were given a single designation of Threatened in April 1982. Split into two populations in April 1985 (Western North Atlantic population and North Pacific population). North Pacific population designated Threatened in 1985 and confirmed in May 2003. Last assessment based on an update status report.

Humpback Whale (Western North Atlantic and North Pacific populations)
The "Western North Atlantic and North Pacific populations" were given a single designation of Threatened in April 1982. Split into two populations in April 1985 (Western North Atlantic population and North Pacific population). Original listing was de-activated.

Humpback Whale (Western North Atlantic population)
The "Western North Atlantic and North Pacific populations" were given a single designation of Threatened in April 1982. Split into two populations in April 1985 (Western North Atlantic population and North Pacific population). Western North Atlantic population designated Special Concern in April 1985. Status re-examined and de-listed (Not at Risk) in May 2003. Last assessment based on an update status report.

Illinois Tick-trefoil
No site records since 1888. Designated Extirpated in April 1991. Extirpated status confirmed in May 2000. Last assessment based on an existing status report.

Island Marble
Extirpated by 1910. Designated Extirpated in April 1999. Status confirmed in May 2000. Last assessment based on an existing status report.

Ivory Gull
Designated Special Concern in April 1979. Status re-examined and confirmed in April 1996 and in November 2001. Last assessment based on an existing status report.

Juniper Sedge
Designated Endangered in April 1999. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Karner Blue
Has not been observed since 1991. Designated Extirpated in April 1997. Extirpated status confirmed in May 2000. Last assessment based on an existing status report.

Keen's Long-eared Bat
Designated Special Concern in April 1988. Status re-examined in November 2003 and designated Data Deficient. Last assessment based on an update status report.

Kentucky Coffee-tree
Designated Threatened in April 1983. Status re-examined and confirmed in November 2000. Last assessment based on an update status report.

Killer Whale (North Pacific "resident" populations)
Designated Threatened in April 1999. The Killer Whale (North Pacific "resident" populations) was de-activated in November 2001 when it was split into two populations: Killer Whale (Northeast Pacific northern resident population) and Killer Whale (Northeast Pacific southern resident population). Last assessment based on an existing status report with an addendum.

Killer Whale (Northeast Pacific transient population)
Designated Special Concern in April 1999. Status re-examined and uplisted to Threatened in November 2001. Last assessment based on an existing status report with an addendum.

Killer Whale (Northwest Atlantic / Eastern Arctic populations)
Designated Data Deficient in April 1999. Status re-examined and confirmed in November 2001. Last assessment based on an existing status report with an addendum.

King Rail
Designated Special Concern in April 1985. Status re-examined and uplisted to Endangered in April 1994. Status re-examined and confirmed in November 2000. Last assessment based on an update status report.

Kirtland's Warbler
Designated Endangered in April 1979. Status re-examined and confirmed in April 1999 and in May 2000. Last assessment based on an existing status report.

Labrador Duck
Believed to be Extinct since 1875. Designated in April 1985 based on historic records only. Status report prepared and approved by COSEWIC in 1994. Status confirmed in May 2000. Last assessment based on an existing status report.

Lake Chubsucker
Designated Special Concern in April 1994. Status re-examined and uplisted to Threatened in November 2001. Last assessment based on an existing status report with an addendum.

Lake Utopia Dwarf Smelt
Designated Threatened in April 1998. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Lake Whitefish (Mira River population)
Designated Data Deficient in April 1999 and in November 2000. Last assessment based on an existing status report.

Large Whorled Pogonia
Designated Endangered in April 1986. Status re-examined and confirmed Endangered in April 1998 and in May 2000. Last assessment based on an existing status report.

Least Bittern
Designated Special Concern in April 1988. Status re-examined and confirmed in April 1999. Status re-examined and uplisted to Threatened in November 2001. Last assessment based on an existing status report.

Leatherback Seaturtle
Designated Endangered in April 1981. Status re-examined and confirmed in May 2001. Last assessment based on an update status report.

Lewis's Woodpecker
Designated Special Concern in April 1999. Status re-examined and confirmed in November 2001. Last assessment based on an existing status report.

Limnetic Hadley Lake Stickleback
Extinct in 1999. Designated Extinct in April 1999. Status confirmed in May 2000. Last assessment based on an existing status report.

Limnetic Paxton Lake Stickleback
Designated Threatened in April 1998. Status re-examined and confirmed in April 1999. Status re-examined and uplisted to Endangered in May 2000. Last assessment based on an existing status report.

Limnetic Vananda Creek Stickleback
Designated Threatened in April 1999. Status re-examined and uplisted to Endangered in May 2000. Last assessment based on an existing status report.

Loggerhead Shrike
The species was considered a single unit and assigned a status of Threatened in April 1986. The *excubitorides* and the *migrans* subspecies were designated separately in April 1991, and the original listing was de-activated.

Loggerhead Shrike *migrans* subspecies
The species was considered a single unit and assigned a status of Threatened in April 1986. Split according to subspecies in April 1991. The *migrans* subspecies was uplisted to Endangered in April 1991. Status re-examined and confirmed in November 2000. Last assessment based on an update status report.

Long-billed Curlew
Designated Special Concern in April 1992. Status re-examined and confirmed in November 2002. Last assessment based on an update status report.

Longjaw Cisco
Extinct since 1975. Designated Extinct in April 1985. Status confirmed in May 2000. De-activated in May 2002 because it was concluded that this species is a synonym of the Shortjaw Cisco, *Coregonus zenithicus*, which was designated as Threatened in 1987. Last assessment based on an update status report.

Long's Braya
Designated Endangered in April 1997. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report with an addendum.

Louisiana Waterthrush
Designated Special Concern in April 1991. Status re-examined and confirmed in April 1996.

Mackenzie Hairgrass
Designated Special Concern in April 1999. Status re-examined and confirmed in November 2001. Last assessment based on an existing status report.

Marbled Murrelet
Designated Threatened in April 1990. Status re-examined and confirmed in November 2000. Last assessment based on an update status report.

Margined Madtom
Designated Threatened in April 1989. Status re-examined in May 2002 and placed in the Data Deficient category. Last assessment based on an update status report.

Maritime Ringlet
Designated Endangered in April 1997. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Massasauga
Designated Threatened in April 1991. Status re-examined and confirmed in November 2002. Last assessment based on an update status report.

Mexican Mosquito-fern
Designated Threatened in April 1984. Status re-examined and confirmed in April 1998 and in May 2000. Last assessment based on an existing status report.

Monarch
Designated Special Concern in April 1997. Status re-examined and confirmed in November 2001. Last assessment based on an existing status report.

Morrison Creek Lamprey
Designated Threatened in April 1999. Status re-examined and uplisted to Endangered in May 2000. Last assessment based on an existing status report.

Mountain Beaver
Designated Not at Risk in April 1984. Status re-examined and uplisted to Special Concern in April 1999. Status re-examined and confirmed as Special Concern in November 2001. Last assessment based on an existing status report.

Mountain Plover
Designated Endangered in April 1987. Status re-examined and confirmed November 2000. Last assessment based on an update status report.

Narwhal
Designated Not at Risk in April 1986. Status re-examined and confirmed in April 1987.

Newfoundland Marten
Designated Not at Risk in April 1979. Status re-examined and uplisted to Threatened in April 1986. Status re-examined and uplisted to Endangered in April 1996. Status re-examined and confirmed Endangered in May 2000. Last assessment based on an existing status report.

Nodding Pogonia
Designated Threatened in April 1988. Status re-examined and uplisted to Endangered in April 1999. Status re-examined and confirmed Endangered in May 2000. Last assessment based on an existing status report.

Nooksack Dace
Designated Endangered in April 1996. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

North Pacific Right Whale
The Right Whale was considered a single species and designated Endangered in 1980. Status re-examined and confirmed Endangered in April 1985 and in April 1990. Split into two species in May 2003. North Pacific Right Whale was not re-evaluated, but retains the Endangered status of the original Right Whale. Last assessment based on an update status report.

Northern Abalone
Designated Threatened in April 1999. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Northern Bobwhite
Designated Endangered in April 1994. Status re-examined and confirmed in November 2003. Last assessment based on an update status report.

Northern Bottlenose Whale
The Northern Bottlenose Whale was given a single designation of Not at Risk in April 1993. Split into two populations in April 1996 to allow a separate designation of the Northern Bottlenose Whale (Scotian Shelf population). Northern Bottlenose (Davis Strait population) was not re-evaluated, but retains the Not at Risk status of the original Northern Bottlenose Whale. Original listing was de-activated.

Northern Bottlenose Whale (Scotian Shelf population)
The Northern Bottlenose Whale was given a single designation of Not at Risk in April 1993. Split into two populations in April 1996 to allow a separate designation of the Northern Bottlenose Whale (Scotian Shelf population). Scotian Shelf population designated Special Concern in April 1996. Status re-examined and uplisted to Endangered in November 2002. Last assessment based on an existing status report with an addendum.

Northern Cricket Frog
Designated Endangered in April 1990. Status re-examined and confirmed in May 2001. Last assessment based on an update status report.

Northern Goshawk *laingi* subspecies
Designated Special Concern in April 1995. Status re-examined and uplisted to Threatened in November 2000. Last assessment based on an update status report.

Northern Leopard Frog (Southern Mountain population)
Designated Endangered in April 1998. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Northern Leopard Frog (Western Boreal/Prairie populations)
Designated Special Concern in April 1998. Status re-examined and confirmed in November 2002. Last assessment based on an existing status report.

Northern Madtom
Examined in April 1993 and placed in the Data Deficient category. Re-examined in April 1998 and designated Special Concern. Status re-examined and uplisted to Endangered in November 2002. Last assessment based on an existing status report with an addendum.

Northern Riffleshell
Designated Endangered in April 1999. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report with an addendum.

Nuttall's Cottontail *pinetis* subspecies
Designated Not at Risk in 1991. Status re-examined and confirmed in April 1994.

Oregon Spotted Frog
Designated Endangered in an emergency listing in November 1999. Status re-examined and confirmed in May 2000. Assessment based on a new status report.

Pacific Sardine
Designated Special Concern in April 1987. Status re-examined and de-listed (Not at Risk) in May 2002. Last assessment based on an update status report.

Pacific Water Shrew
Designated Threatened in April 1994. Status re-examined and confirmed Threatened in May 2000. Last assessment based on an existing status report with an addendum.

Paddlefish
Disappeared from Canada in approximately 1917. Designated Extirpated in April 1987. Status confirmed in May 2000. Last assessment based on an existing status report.

Pallid Bat
Designated Special Concern in April 1988. Status re-examined and uplisted to Threatened in May 2000. Last assessment based on an update status report.

Passenger Pigeon
Believed to be Extinct since 1914. Designated in April 1985 based on historic records only. Status report prepared and approved by COSEWIC in 1994. Status confirmed in May 2000. Last assessment based on an existing status report.

Peary Caribou
The species was considered a single unit and assigned a status of Threatened in April 1979. Split into three separate populations in April 1991: Banks Island, High Arctic and Low Arctic populations. The original listing was de-activated.

Peregrine Falcon *anatum* subspecies
Designated Endangered in April 1978. Status re-examined and downlisted to Threatened in April 1999. Status re-assessed and confirmed Threatened in May 2000. Last assessment based on an existing status report.

Peregrine Falcon *pealei* subspecies
Designated Special Concern in April 1978. Status re-examined and confirmed in April 1999 and in November 2001. Last assessment based on an existing status report.

Peregrine Falcon *tundrius* subspecies
Designated Threatened in April 1978. Status re-examined and downlisted to Special Concern in April 1992.

Phantom Orchid
Designated Special Concern in April 1992. Status re-examined and uplisted to Threatened in May 2000. Last assessment based on an update status report.

Pighead Prickleback
Designated Special Concern in April 1989. Status re-examined in May 2003 and designated Data Deficient. Last assessment based on an update status report.

Pigmy Short-horned Lizard (British Columbia population)
Last reported in 1898. Designated Extirpated in April 1992. Status confirmed in May 2000. Last assessment based on an existing status report.

Pink Coreopsis
Designated Endangered in April 1984. Status re-examined and confirmed Endangered in April 1999 and in May 2000. Last assessment based on an existing status report.

Pink Milkwort
Designated Endangered in April 1984. Status re-examined and confirmed Endangered in April 1998 and in May 2000. Last assessment based on an existing status report.

Piping Plover
The species was considered a single unit and assigned a status of Threatened in April 1978. Status re-examined and uplisted to Endangered in April 1985. In May 2001, the species was re-examined and split into two groups according to subspecies. The *melodus* subspecies and *circumcinctus* subspecies were each designated Endangered in May 2001. The original listing was de-activated.

Pitcher's Thistle
Designated Threatened in April 1988. Status re-examined and uplisted to Endangered in April 1999. Status re-examined and confirmed Endangered in May 2000. Last assessment based on an existing status report.

Pixie Poacher
Designated Data Deficient in April 1991. Status re-examined and de-activated in November 2001. Last assessment based on an update status report.

Plains Pocket Gopher
Designated Special Concern in April 1979. Status re-examined and de-listed (Not at Risk) in April 1998.

Plymouth Gentian
Designated Threatened in April 1984. Status re-examined and confirmed in April 1999 and in May 2000. Last assessment based on an existing status report.

Polar Bear
Designated Not at Risk in April 1986. Status re-examined and uplisted to Special Concern in April 1991. Status re-examined and confirmed as Special Concern in April 1999 and in November 2002. Last assessment based on an existing status report with an addendum.

Prairie Falcon
Designated Not at Risk in April 1978. Status re-examined and confirmed in April 1982 and in April 1996.

Prairie Long-tailed Weasel
Designated Threatened in April 1982. Status re-examined and de-listed (Not at Risk) in April 1993.

Prairie Lupine
Designated Endangered in April 1996. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Prairie Warbler
Designated Special Concern in April 1985. Status re-examined and de-listed (Not at Risk) in April 1999.

Prothonotary Warbler
Designated Special Concern in April 1984. Status re-examined and uplisted to Endangered in April 1996. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Pugnose Minnow
Designated Special Concern in April 1985. Status re-examined and confirmed in May 2000. Last assessment based on an update status report.

Pugnose Shiner
Designated Special Concern in April 1985. Status re-examined and uplisted to Endangered in November 2002. Last assessment based on an update status report.

Purple Twayblade
Designated Threatened in April 1989. Status re-examined and uplisted to Endangered in April 1999. Status re-examined and confirmed as Endangered in May 2001. Last assessment based on an existing status report that was modified.

Queen Snake
Designated Threatened in April 1999. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Rayed Bean
Designated Endangered in April 1999. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Red Mulberry
Designated Threatened in April 1987. Status re-examined and uplisted to Endangered in April 1999. Status re-examined and confirmed Endangered in May 2000. Last assessment based on an existing status report.

Red-legged Frog
Designated Special Concern in April 1999. Status re-examined and confirmed in May 2002. Last assessment based on an existing status report.

Redroot
Designated Threatened in April 1994. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Red-shouldered Hawk
Designated Special Concern in April 1983. Status re-examined and confirmed in April 1996.

Right Whale
The Right Whale was considered a single species and designated Endangered in 1980. Status re-examined and confirmed Endangered in April 1985 and in April 1990. Split into two species in May 2003 to allow a separate designation of the North Atlantic Right Whale. North Pacific Right Whale was not re-evaluated, but retains the Endangered status of the original Right Whale. Original listing was de-activated. Last assessment based on an update status report.

Rigid Apple Moss
Designated Threatened in April 1997. Status re-examined and uplisted to Endangered in May 2000. Last assessment based on an existing status report with an addendum.

River Redhorse
Designated Special Concern in April 1983. Status re-examined and confirmed in April 1987.

Roseate Tern
Designated Threatened in April 1986. Status re-examined and uplisted to Endangered in April 1999. Endangered status re-examined and confirmed in October 1999. Last assessment based on an existing status report.

Ross's Gull
Designated Special Concern in April 1981. Status re-examined and confirmed in April 1996. Status re-examined and uplisted to Threatened in November 2001. Last assessment based on an existing status report with an addendum.

Round-leaved Greenbrier (Great Lakes Plains population)
Designated Threatened in April 1994. Status re-examined and confirmed in May 2001. Last assessment based on an existing status report with an addendum.

Sage Thrasher
Designated Endangered in April 1992. Status re-examined and confirmed in November 2000. Last assessment based on an update status report.

Salish Sucker
Designated Endangered in April 1986. Status re-examined and confirmed in November 2002. Last assessment based on an update status report.

Savannah Sparrow *princeps* subspecies
Designated Special Concern in April 1979. Status re-examined and confirmed Special Concern in May 2000. Last assessment based on an update status report.

Scarlet Ammannia
Designated Endangered in April 1999. Status re-examined and confirmed in May 2001. Last assessment based on an existing status report.

Sea Mink
Believed Extinct since 1894. Designated Extinct in April 1986. Status confirmed in May 2000. Last assessment based on an existing status report.

Sea Otter
Designated Endangered in April 1978. Status re-examined and confirmed Endangered in April 1986. Status re-examined and downlisted to Threatened in April 1996. Status re-examined and confirmed Threatened in May 2000. Last assessment based on an existing status report.

Seaside Birds-foot Lotus
Designated Endangered in April 1996. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Seaside Centipede
Designated Endangered in April 1996. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Sharp-shinned Hawk
Designated Not at Risk in April 1986. Status re-examined and confirmed in April 1997.

Sharp-tailed Snake
Designated Endangered in April 1999. Status re-examined and confirmed in October 1999. Last assessment based on an existing status report.

Shorthead Sculpin
Designated Threatened in April 1984. Status re-examined and confirmed Threatened in May 2001. Last assessment based on an update status report.

Shortjaw Cisco
Designated Threatened in April 1987. Status re-examined and confirmed Threatened in May 2003. Last assessment based on an update status report.

Showy Goldenrod
Designated Endangered in April 1999. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Shumard Oak
Designated Special Concern in April 1984. Status re-examined and confirmed in April 1999.

Silver Chub
Designated Special Concern in April 1985. Status re-examined and confirmed in May 2001. Last assessment based on an update status report.

Silver Shiner
Designated Special Concern in April 1983. Status re-examined and confirmed in April 1987.

Skinner's Agalinis
Designated Endangered in April 1988. Status re-examined and confirmed Endangered in April 1999 and in May 2000. Last assessment based on an existing status report.

Slender Bush-clover
Designated Endangered in April 1986. Status re-examined and confirmed Endangered in April 1999 and in May 2000. Last assessment based on an existing status report.

Slender Mouse-ear-cress
Designated Endangered in April 1992. Status re-examined and downlisted to Threatened in May 2000. Last assessment based on an update status report with an addendum.

Small White Lady's-slipper
Designated Endangered in April 1981. Status re-examined and confirmed in April 1999 and in May 2000. Last assessment based on an existing status report.

Small Whorled Pogonia
Designated Endangered in April 1982. Status re-examined and confirmed in April 1998 and in May 2000. Last assessment based on an existing status report.

Small-flowered Lipocarpha
Designated Threatened in April 1992. Status re-examined and uplisted to Endangered in November 2002. Last assessment based on an update status report.

Small-flowered Sand-verbena
Designated Threatened in April 1992. Re-examined and uplisted to Endangered in November 2002. Last assessment based on an update status report.

Soapweed
Designated Special Concern in April 1985. Status re-examined and uplisted to Threatened in May 2000. Last assessment based on an update status report.

Sockeye Salmon (Cultus population)
Designated Endangered in an emergency listing in October 2002. Status re-examined and confirmed in May 2003. Assessment based on a new status report.

Sockeye Salmon (Sakinaw population)
Designated Endangered in an emergency listing in October 2002. Status re-examined and confirmed in May 2003. Assessment based on a new status report.

Southern Maidenhair Fern
Designated Endangered in April 1984. Status re-examined and confirmed in April 1998 and in May 2000. Last assessment based on an existing status report.

Speckled Dace
Designated Special Concern in April 1980. Status re-examined and uplisted to Endangered in November 2002. Last assessment based on an update status report.

Spiny Softshell
Designated Threatened in April 1991. Status re-examined and confirmed in May 2002. Last assessment based on an update status report.

Spotted Gar
Designated Special Concern in April 1983. Status re-examined and confirmed Special Concern in April 1994. Status re-examined and uplisted to Threatened in November 2000. Last assessment based on an existing status report.

Spotted Owl *caurina* subspecies
Designated Endangered in April 1986. Status re-examined and confirmed in April 1999 and in May 2000. Last assessment based on an existing status report.

Spotted Sucker
Designated Special Concern in April 1983. Status re-examined and confirmed in April 1994 and in November 2001. Last assessment based on an existing status report with an addendum.

Spotted Wintergreen
Designated Endangered in April 1987. Status re-examined and confirmed Endangered in April 1998 and in May 2000. Last assessment based on an existing status report.

Sprague's Pipit
Designated Threatened in April 1999. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Spring Blue-eyed Mary
No site records since 1954. Designated Extirpated in April 1987. Extirpated status confirmed in May 2000. Last assessment based on an existing status report.

Spring Salamander
Designated Special Concern in April 1999. Status re-examined and confirmed in May 2002. Last assessment based on an existing status report.

Steller Sea Lion
Designated Not at Risk in April 1987. Status re-examined and uplisted to Special Concern in November 2003. Last assessment based on an update status report.

Sweet Pepperbush
Designated Threatened in April 1986. Status re-examined and confirmed in April 1998. Status re-examined and downlisted to Special Concern in May 2001. Last assessment based on an existing status report that was modified.

Swift Fox
Last seen in Saskatchewan in 1928. Designated Extirpated in April 1978. Status re-examined and downlisted to Endangered in April 1998 after successful re-introductions. Status re-examined and confirmed Endangered in May 2000. Last assessment based on an existing status report.

Thread-leaved Sundew
Designated Endangered in April 1991. Status re-examined and confirmed in May 2001. Last assessment based on an update status report.

Tiny Cryptanthe
Designated Endangered in April 1998. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Toothcup
Designated Endangered in April 1999. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Townsend's Mole
Designated Threatened in April 1996. Status re-examined and uplisted to Endangered in May 2003. Last assessment based on an update status report.

Trumpeter Swan
Designated Special Concern in April 1978. Status re-examined and de-listed (Not at Risk) in April 1996.

Tuberous Indian-plantain
Designated Special Concern in April 1988. Status re-examined and confirmed in April 1999 and in May 2002. Last assessment based on an update status report that was modified.

Tyrrell's Willow
Designated Threatened in April 1981. Status re-examined and de-listed (Not at Risk) in April 1999.

Van Brunt's Jacob's-ladder
Designated Threatened in April 1994. Status re-examined and confirmed in November 2002. Last assessment based on an update status report.

Vancouver Island Marmot
Designated Endangered in April 1978. Status re-examined and confirmed Endangered in April 1997 and in May 2000. Last assessment based on an existing status report with an addendum.

Virginia Goat's-rue
Designated Threatened in April 1996. Status re-examined and uplisted to Endangered in May 2000. Last assessment based on an existing status report with an addendum.

Warmouth
Designated Special Concern in April 1994. Status re-examined and confirmed in November 2001. Last assessment based on an existing status report with an addendum.

Water-pennywort
Designated Endangered in April 1985. Status re-examined and downlisted to Threatened in April 1999. Status re-examined and confirmed Threatened in May 2000. Last assessment based on an existing status report.

Water-plantain Buttercup
Designated Endangered in April 1996. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Wavy-rayed Lampmussel
Designated Endangered in April 1999. Status re-examined and confirmed in October 1999. Last assessment based on an existing status report.

Western Blue-flag
Designated Threatened in April 1990. Status re-examined and confirmed in May 2000. Last assessment based on an update status report.

Western Prairie Fringed-orchid
Designated Endangered in April 1993. Status re-examined and confirmed in May 2000. Last assessment based on an update status report.

Western Screech-Owl
The species was considered a single unit and assigned a status of Data Deficient in April 1995. In May 2002, the species was re-examined and split into two groups according to subspecies. The *kennicottii* subspecies was designated Special Concern and the *macfarlanei* subspecies was designated Threatened in May 2002. The original listing was de-activated. Last assessment based on an update status report.

Western Silvery Aster
Designated Special Concern in 1988. Status re-examined and uplisted to Threatened in May 2000. Last assessment based on an update status report.

Western Silvery Minnow
Designated Special Concern in April 1997. Status re-examined and uplisted to Threatened in November 2001. Last assessment based on an existing status report with an addendum.

Western Spiderwort
Designated Threatened in April 1992. Status re-examined and confirmed in November 2002. Last assessment based on an update status report.

White Prairie Gentian
Designated Endangered in April 1991. Status re-examined and confirmed in May 2001. Last assessment based on an update status report.

White Sturgeon
Designated Special Concern in April 1990. Status re-examined and uplisted to Endangered in November 2003. Last assessment based on an update status report.

White Wood Aster
Designated Threatened in April 1995. Status re-examined and confirmed in November 2002. Last assessment based on an update status report.

White-headed Woodpecker
Designated Threatened in April 1992. Status re-examined and uplisted to Endangered in November 2000. Last assessment based on an update status report.

White-top Aster
Designated Threatened in April 1996. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report with an addendum.

Whooping Crane
Designated Endangered in April 1978. Status re-examined and confirmed in November 2000. Last assessment based on an update status report.

Wild Hyacinth
Designated Special Concern in April 1990. Re-examined and uplisted to Threatened in May 2002. Last assessment based on an update status report.

Willowleaf Aster
Designated Special Concern in April 1999. Status re-examined and uplisted to Threatened in May 2003. Last assessment based on an existing status report.

Wolverine
The species was considered a single unit and assigned a status of Special Concern in April 1982. Split into two populations in April 1989 (Western and Eastern populations). Original listing was de-activated.

Wolverine (Eastern population)
The species was considered a single unit and assigned a status of Special Concern in April 1982. Split into two populations in April 1989 (Western population and Eastern population). Eastern population was designated Endangered in April 1989 and confirmed in May 2003. Last assessment based on an update status report.

Wolverine (Western population)
The species was considered a single unit and assigned a status of Special Concern in April 1982. Split into two populations in April 1989 (Western and Eastern populations). Western population was designated Special Concern in April 1989 and confirmed in May 2003. Last assessment based on an update status report.

Wood Bison
Designated Endangered in April 1978. Status re-examined and downlisted to Threatened in April 1988. Status re-examined and confirmed Threatened in May 2000. Last assessment based on an update status report.

Woodland Caribou (Atlantic-Gaspésie population)
Atlantic-Gaspésie population designated Threatened in April 1984. Status re-examined and uplisted to Endangered in May 2000. Status re-examined and confirmed in May 2002. Last assessment based on an update status report.

Woodland Caribou (Boreal population)
The Boreal population was designated Threatened in May 2000. This newly-defined population is comprised of a portion of the de-activated "Western population" and all of the de-activated "Labrador-Ungava population." Status re-examined and confirmed in May 2002. Last assessment based on an update status report.

Woodland Caribou (Labrador-Ungava population)
Labrador-Ungava population was designated Not at Risk in April 1984. Labrador-Ungava population de-activated in May 2000. Former Labrador-Ungava population is contained within the Boreal population.

Woodland Caribou (Newfoundland population)
Newfoundland population was designated Not at Risk in April 1984. Status re-examined and confirmed in May 2000 and in May 2002. Last assessment based on an update status report.

Woodland Caribou (Northern Mountain population)
The Northern Mountain population was designated Not at Risk in May 2000. This population was formerly designated as part of the "Western population" (now de-activated). Status re-examined and uplisted to Special Concern in May 2002. Last assessment based on an update status report.

Woodland Caribou (Southern Mountain population)
The Southern Mountain population was designated Threatened in May 2000. This population was formerly designated as part of the "Western population" (now de-activated). Status re-examined and confirmed in May 2002. Last assessment based on an update status report.

Woodland Caribou (Western population)
Western population was designated Special Concern in April 1984. Western population de-activated in May 2000. Former Western population is contained within the following newly designated populations: Northern Mountain, Southern Mountain and Boreal.

Woodland Vole
Designated Special Concern in April 1998.Status re-examined and confirmed in November 2001. Last assessment based on an existing status report.

Wood-poppy
Designated Endangered in April 1993. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report with an addendum.

Yellow Montane Violet
Designated Threatened in April 1995. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Yellow Rail
Designated Special Concern in April 1999. Status re-examined and confirmed in November 2001. Last assessment based on an existing status report.

Yellow-breasted Chat *auricollis* subspecies (British Columbia population)
The British Columbia population of the *auricollis* subspecies was designated Threatened in April 1994. Status re-examined and uplisted to Endangered in November 2000. Last assessment based on an update status report.

Yellow-breasted Chat *auricollis* subspecies (Prairie population)
The Prairie population of the *auricollis* subspecies was designated Not at Risk in April 1994. Status re-examined and confirmed in November 2000. Last assessment based on an update status report.

Yellow-breasted Chat *virens* subspecies
Designated Special Concern in April 1994. Status re-examined and confirmed in November 2000. Last assessment based on an update status report.

RECORD OF NAME CHANGES

Common and scientific names (including population names, where applicable) previously used by COSEWIC, and other synomyms.

Previous Name(s) or Synonym	Current Common Name or Scientific Name (population)
Abronia micrantha	*Tripterocalyx micranthus*
Acadian Whitefish	Atlantic Whitefish
Acris crepitans blanchardi	*Acris crepitans*
American Marten (Newfoundland population)	Newfoundland Marten
Anatum Peregrine Falcon	Peregrine Falcon *anatum* subspecies
Apple Moss	Rigid Apple Moss
Ascaphus truei	*Ascaphus montanus*
Ascaphus truei (Pacific Coast population)	*Ascaphus montanus*
Ascaphus truei (Southern Mountain population)	*Ascaphus montanus*
Asplenium scolopendrium var. *americanum*	*Asplenium scolopendrium*
Aster anticostensis	*Symphyotrichum anticostense*
Aster curtus	*Sericocarpus rigidus*
Aster divaricatus	*Eurybia divaricata*
Aster laurentianus	*Symphyotrichum laurentianum*
Aster praealtus	*Symphyotrichum praealtum*
Aster prenanthoides	*Symphyotrichum prenanthoides*
Aster shortii	*Symphyotrichum shortii*
Aster subulatus var. *obtusifolius*	*Symphyotrichum subulatum* (Bathurst population)
Aster yukonensis	*Symphyotrichum yukonense*
Bathurst Aster	Bathurst Aster (Bathurst population)
Benthic Texada Island Stickleback	Benthic Paxton Lake Stickleback
Black Ratsnake	Eastern Ratsnake
Blackline Prickleback	Pighead Prickleback
Blanchard's Cricket Frog	Northern Cricket Frog
Blue-eyed Mary	Spring Blue-eyed Mary
Bowl Limpet	Eelgrass Limpet
Bufo woodhousii fowleri	*Bufo fowleri*
Cacalia plantaginea	*Arnoglossum plantagineum*
Charlotte Unarmoured Sticklebacks	Charlotte Unarmoured Stickleback
Cimicifuga elata	*Actaea elata*
Clemmys insculpta	*Glyptemys insculpta*
Clemmys marmorata	*Actinemys marmorata*
Common Hop-tree	Common Hoptree
Common Watersnake	Northern Watersnake
Coregonus canadensis	*Coregonus huntsmani*
Coregonus clupeaformis	*Coregonus clupeaformis* (Mira River population)
Eastern Fox Snake	Eastern Foxsnake
Eastern Loggerhead Shrike	Loggerhead Shrike *migrans* subspecies
Eastern Massasauga	Massasauga
Eastern Massasauga Rattlesnake	Massasauga
Eastern Milksnake	Milksnake

Previous Name(s) or Synonym	Current Common Name or Scientific Name (population)
Eastern Prairie Fringed Orchid	Eastern Prairie Fringed-orchid
Eastern Short-horned Lizard	Greater Short-horned Lizard
Eastern Spiny Softshell Turtle	Spiny Softshell
Eastern Yellow-breasted Chat	Yellow-breasted Chat *virens* subspecies
Elaphe obsoleta obsolete	*Elaphe obsoleta*
Elaphe vulpina gloydi	*Elaphe gloydi*
Elgaria coerulea principis	*Elgaria coerulea*
Emydoidea blandingi	*Emydoidea blandingii* (Nova Scotia population)
Ermine (Queen Charlotte Islands population)	Ermine *haidarum* subspecies
Few-flowered Club-rush	Bashful Bulrush
Gasterosteus aculeatus	*Gasterosteus* sp.
Gentiana victorinii	*Gentianopsis victorinii*
Goat's-rue	Virginia Goat's-rue
Great Basin Gopher Snake	Great Basin Gophersnake
Greater Sandhill Crane	Sandhill Crane *tabida* subspecies
Grey Wolf	Arctic Grey Wolf
Grey Wolf	Eastern Wolf
Grey Wolf	Northern Grey Wolf
Grey Wolf	Southern Grey Wolf
Grizzly Bear [no population name]	Grizzly Bear (Northwestern population)
Gymnocladus dioica	*Gymnocladus dioicus*
Haplopappus macleanii	*Stenotus borealis*
Harbour Seal	Harbour Seal Atlantic subspecies
Harbour Seal	Harbour Seal Pacific subspecies
Harbour Seal (Lac des Loups Marins landlocked population)	Harbour Seal Lacs des Loups Marins subspecies
Icteria virens virens (Eastern population)	*Icteria virens virens*
Incisalia irus	*Callophrys [Incisalia] irus*
"Ipswich" Savannah Sparrow	Savannah Sparrow *princeps* subspecies
Isopyrum biternatum	*Enemion biternatum*
Lake Erie Water Snake	Lake Erie Watersnake
Lake Lamprey	Cowichan Lake Lamprey
Lake Simcoe Whitefish	Lake Whitefish (Lake Simcoe population)
Lanius ludovicianus excubitorides (Prairie population)	*Lanius ludovicianus excubitorides*
Lanius ludovicianus migrans (Eastern population)	*Lanius ludovicianus migrans*
Leatherback Turtle	Leatherback Seaturtle
Lilaeopsis	Eastern Lilaeopsis
Limnetic Texada Island Stickleback	Limnetic Paxton Lake Stickleback
Loggerhead Shrike (Eastern population)	Loggerhead Shrike *migrans* subspecies
Loggerhead Shrike (Prairie population)	Loggerhead Shrike *excubitorides* subspecies
Long-tailed Weasel (Prairie population)	Prairie Long-tailed Weasel
Lottia alveus	*Lottia alveus alveus*
Lynx	Canada Lynx
MacLean's Goldenweed	Northern Mock Goldenweed
Mexican Mosquito Fern	Mexican Mosquito Fern

Previous Name(s) or Synonym	Current Common Name or Scientific Name (population)
Mira River Whitefish	Lake Whitefish (Mira River population)
Mountain Dusky Salamander	Allegheny Mountain Dusky Salamander
Mustela erminea haidarum (Queen Charlotte Islands population)	*Mustela erminea haidarum*
Night Snake	Nightsnake
North Sea Beaked Whale	Sowerby's Beaked Whale
Northern Bottlenose Whale	Northern Bottlenose Whale (Davis Strait population)
Northern Bottlenose Whale (Gully population)	Northern Bottlenose Whale (Scotian Shelf population)
Northern Goshawk	Northern Goshawk *atricapillus* subspecies
Northern Leopard Frog (Prairie population)	Northern Leopard Frog (Western Boreal/Prairie populations)
Northern Red-legged Frog	Red-legged Frog
Northern Ribbonsnake (Atlantic population)	Eastern Ribbonsnake (Atlantic population)
Northern Ribbonsnake (Great Lakes population)	Eastern Ribbonsnake (Great Lakes population)
Northern Spotted Owl	Spotted Owl *caurina* subspecies
Northwestern Alligator Lizard	Northern Alligator Lizard
Notropis rubellus (Eastern population)	*Notropis rubellus*
Notropis rubellus (Manitoba population)	*Notropis percobromus*
Nuttall's Cottontail (British Columbia population)	Nuttall's Cottontail *nuttallii* subspecies
Nuttall's Cottontail (Prairie population)	Nuttall's Cottontail *pinetis* subspecies
Nyctea scandiaca	*Bubo scandiaca*
Oncorhynchus nerka (Cultus Lake population)	*Oncorhynchus nerka* (Cultus population)
Oncorhynchus nerka (Sakinaw Lake population)	*Oncorhynchus nerka* (Sakinaw population)
Otus asio	*Megascops asio*
Otus kennicottii	*Megascops kennicottii*
Otus kennicottii kennicottii	*Megascops kennicottii kennicottii*
Otus kennicottii macfarlanei	*Megascops kennicottii macfarlanei*
Pacific Giant Salamander	Coastal Giant Salamander
Pacific Gopher Snake	Pacific Gophersnake
Pacific Great Blue Heron	Great Blue Heron *fannini* subspecies
Panax quinquefolium	*Panax quinquefolius*
Peale's Peregrine Falcon	Peregrine Falcon *pealei* subspecies
Phrynosoma douglassii brevirostre	*Phrynosoma hernandesi*
Phrynosoma douglassii douglassii	*Phrynosoma douglasii* (British Columbia population)
Plains Spadefoot Toad	Plains Spadefoot
Polemonium van-bruntiae	*Polemonium vanbruntiae*
Prairie Loggerhead Shrike	Loggerhead Shrike *excubitorides* subspecies
Pygmy Short-horned Lizard (British Columbia population)	Pigmy Short-horned Lizard (British Columbia population)
Queen Charlotte Goshawk	Northern Goshawk *laingi* subspecies
Rangifer tarandus dawsoni (Queen Charlotte Islands population)	*Rangifer tarandus dawsoni*
Rosyface Shiner (Eastern population)	Rosyface Shiner
Rosyface Shiner (Manitoba population)	Carmine Shiner

Previous Name(s) or Synonym	Current Common Name or Scientific Name (population)
Sage Grouse (British Columbia population)	Greater Sage-Grouse *phaios* subspecies
Sage Grouse (Prairie population)	Greater Sage-Grouse *urophasianus* subspecies
Salamander Mussel	Mudpuppy Mussel
Sand Verbena	Small-flowered Sand-verbena
Sand Verbena Moth	Sand-verbena Moth
Scirpus verecundus	*Trichophorum planifolium*
Simpsonais ambigua	*Simpsonaias ambigua*
Sistrurus catenatus catenatus	*Sistrurus catenatus*
Smallmouth Salamander	Small-mouthed Salamander
Sockeye Salmon (Cultus Lake population)	Sockeye Salmon (Cultus population)
Sockeye Salmon (Sakinaw Lake population)	Sockeye Salmon (Sakinaw population)
Solidago speciosa var. *rigidiuscula*	*Solidago speciosa*
Speotyto cunicularia	*Athene cunicularia*
Spiny Softshell Turtle	Spiny Softshell
Spotted Owl	Spotted Owl *caurina* subspecies
Streaked Horned Lark	Horned Lark *strigata* subspecies
Strix occidentalis	*Strix occidentalis caurina*
Tailed Frog (Pacific Coast population)	Coast Tailed Frog
Tailed Frog (Southern Mountain population)	Rocky Mountain Tailed Frog
Tundra Peregrine Falcon	Peregrine Falcon *tundrius* subspecies
Van Brunt's Jacob's Ladder	Van Brunt's Jacob's-ladder
Virgulus sericeus	*Symphyotrichum sericeum*
Western Harvest Mouse (British Columbia population)	Western Harvest Mouse megalotis subspecies
Western Harvest Mouse (Prairie population)	Western Harvest Mouse dychei subspecies
Western Prairie Fringed Orchid	Western Prairie Fringed-orchid
Western Silver-leaved Aster	Western Silvery Aster
Western Yellow-breasted Chat (British Columbia population)	Yellow-breasted Chat *auricollis* subspecies (British Columbia population)
Western Yellow-breasted Chat (Prairie population)	Yellow-breasted Chat *auricollis* subspecies (Prairie population)
Willow Aster	Willowleaf Aster
Woodland Caribou (Queen Charlotte Islands population)	Caribou *dawsoni* subspecies
Woodland Caribou Dawson's subspecies	Caribou *dawsoni* subspecies
Yellow-breasted Chat (British Columbia population)	Yellow-breasted Chat *auricollis* subspecies (British Columbia population)
Yellow-breasted Chat (Eastern population)	Yellow-breasted Chat *virens* subspecies
Yellow-breasted Chat (Prairie population)	Yellow-breasted Chat *auricollis* subspecies (Prairie population)

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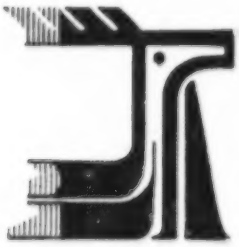

COSEWIC
Committee on the Status of Endangered Wildlife in Canada

COSEPAC
Comité sur la situation des espèces en péril au Canada

The Committee on the Status of Endangered Wildlife in Canada (COSEWIC) was created in 1977 as a result of a recommendation at the Federal-Provincial Wildlife Conference held in 1976.

It arose from the need for a single, official, scientifically sound, national classification of wildlife species at risk.

In 1978, COSEWIC designated its first species and produced its first list of Canadian species at risk.

In 2002, COSEWIC celebrated 25 years of science-based assessment of the status of species at risk in Canada.

On June 5 2003, the *Species at Risk Act* (SARA) was proclaimed. SARA establishes COSEWIC as an advisory body, ensuring that species will continue to be assessed under a rigorous and independent scientific process.

Environment Canada
Canadian Wildlife Service

Environnement Canada
Service canadien de la faune

Canada

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